

# LDP-3300P/3600D

## SERVICE MANUAL

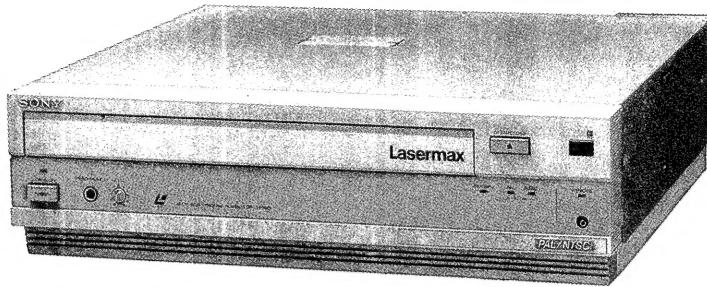
AEP Model

UK Model

LDP-3300P/3600D

US Model

LDP-3600D



THIS PHOTO IS LDP-3600D

## Lasermax

### SPECIFICATIONS

#### Playback system

Disc format	Laser Vision
Pick-up method	Laser beam (reflective)
Laser	Diode laser ( $\lambda = 7800\text{\AA}$ )
Emission duration	Continuous
Laser output	0.4 mW* max.
Videodisc	12' and 8'
Maximum playing time	CAV: 36 min/side (PAL) 30 min/side (NTSC) (LDP-3600D)  CLV: 60 min/side
Spindle revolution	CAV: 1500 r.p.m. (PAL) 1800 r.p.m. (NTSC) (LDP-3600D)  CLV: 570 to 1500 r.p.m. (PAL) 600 to 1800 r.p.m. (NTSC) (LDP-3600D)
Access time	CAV: 3 sec (by frame) 10 sec (by chapter)  CLV: 10 sec

#### Video

Signal	CCIR standards, PAL colour EIA standards, NTSC colour (LDP-3600D)
Output	1.0 V p-p, 75 ohms unbalanced, sync negative
Resolution	450 lines (PAL) 400 lines (NTSC) (LDP-3600D)

#### Audio

Output	Line out: -3.7 dBV (1 kHz, 100% MOD, load impedance 47 kilohms) load impedance 2 kilohms and more unbalanced
Signal-to-noise ratio	CX ON: 70 dB and more CX OFF: 56 dB and more
Frequency response	40 Hz to 20kHz

#### Video/Audio (TV connector)

Video	1.0 Vp-p
Audio	-3.7 dBV
Status	+12 V DC

\* This output is the value measured at a distance of about 1.6 mm from the objective lens surface on the Optical Pick-up Block.

#### General

Power requirements	100/120/220/240 V AC, selectable, 50/60 Hz (LDP-3600D) 220/240V AC, Selectable, 50/60Hz (LDP-3300P)
Power consumption	38 W
Operating temperature	5°C to 35°C (40°F to 95°F)
Operating humidity	25% to 80%
Storage temperature	-20°C to 60°C (-4°F to 140°F)
Dimensions	Approx. 430 x 128 x 430 mm (w/h/d) (16 <sup>15</sup> / <sub>16</sub> x 3 <sup>15</sup> / <sub>16</sub> x 16 <sup>1</sup> / <sub>4</sub> inches)
Weight	Approx. 10.5 kg (23 lb 2 oz)
Optional accessories	Interface LDM-G1000 Rack Mount Kit RMM-121 Remote Control Unit RM-2001

Design and specifications are subject to change without notice.

#### Note

This appliance conforms with EEC Directives 76/889 and 82/499 regarding interference suppression.



VIDEODISC PLAYER  
**SONY**®



Refer to the additional documents

## SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
4. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
5. Check the line cord for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
6. Check the B+ voltage to see it is at the values specified.
7. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

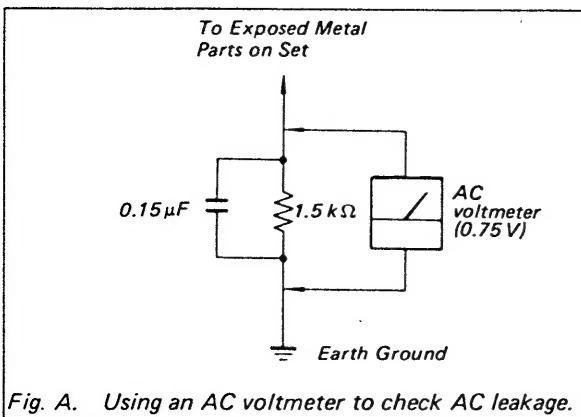


Fig. A. Using an AC voltmeter to check AC leakage.

### LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

### CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

AS the laser beam used in this videodisc player is harmful to eyes, do not attempt to disassemble the cabinet. Refer servicing to qualified personnel only.

### SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARK ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

### ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UN TRAME ET UNE MARQUE SUR LES DIAGRAMMES SCHÉMATIQUES, LES VUES EXPLOSÉES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS MANUEL OU DES SUPPLÉMENTS PUBLIÉS PAR SONY. LES RÉGLAGES DU CIRCUIT QUI SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT SONT IDENTIFIÉS DANS CE MANUEL. SUIVRE LES PROCÉDURES QUAND LES COMPOSANTS CRITIQUES SONT REMPLACÉS OU LE FONCTIONNEMENT IMPROPRE EST SUSPECTÉ.

## **WARNING**

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

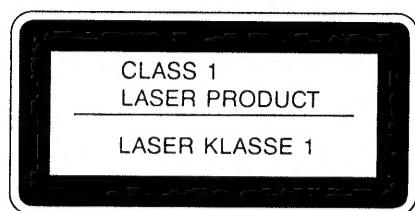
To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

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## **CAUTION**

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

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This videodisc player is classified as CLASS 1 LASER PRODUCT. The CLASS 1 LASER PRODUCT label is located on the rear panel of the player.

## **DANGER**

Invisible laser radiations when open and interlock failed or defeated. Avoid direct exposure to beam.

**CLASS I LASER PRODUCT**

## **ADVARSEL:**

USYNLIG LASERSTRALING VED ABNING NAR SIKKERHEDSAF-BRYDERE ER UD AF FUNCTION UNDGA. UDSAETTELSE FOR STRALING.

**CLASS 3A LASER**

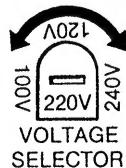
## **VAROITUS!**

SUOJAKOTELOA EI SAA AVATA. LAITE SISÄLTÄÄ LASERDIODIN, JOKA LÄHETTÄÄ (NÄKYMÄTÖNTÄ) SILMILLE VAARALLISTA LASERSÄTEILYÄ.

**LASER COMPONENT IN PRODUCT IS CAPABLE OF EMITTING RADIATION EXCEEDING THE LIMIT FOR CLASS 1.**

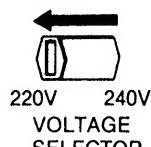
## **CAUTION (LDP-3600D)**

The operating voltage of this unit is preset at the factory to 240 V AC. If you operate the unit on 100 V, 120 V or 220 V AC, **disconnect the AC power cord** and set the voltage selector located on the rear panel to the appropriate position with a screwdriver.



## **CAUTION (LDP-3300P)**

The operating voltage of this unit is preset at the factory to 240 V AC. If you operate the unit on 220 V AC, **disconnect the AC power cord** and set the voltage selector located on the rear panel to 220 V AC.



# FOR THE CUSTOMERS IN THE UNITED KINGDOM

THIS APPARATUS MUST BE EARTHE

## IMPORTANT

The wires in this mains lead are coloured in accordance with the following code:

Green-and-yellow	:	Earth
Blue	:	Neutral
Brown	:	Live

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:

The wire which is coloured green-and-yellow must be connected to the terminals in the plug which is marked by the letter E or by the safety earth symbol  $\frac{1}{\square}$  or coloured green or green-and-yellow. The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black. The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

Use **PAL/SECAM 625  
NTSC 525 COLOUR** videodiscs

This player can be used with the PAL/SECAM and NTSC colour videodiscs, and is designed to output video signals conformed with both the PAL/SECAM and NTSC colour systems. The player automatically distinguishes the colour system of a disc inserted in the unit, and playback will begin on each colour system format.



*LaserVision*

CED and VHD type videodiscs cannot be used in this player.

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**Note :** For the following items to be adjusted, make adjustment on only LDP-3600D.  
On LDP-3300P, make adjustment by skipping the items.

7-10. NTSC VIDEO SYSTEM ADJUSTMENT  
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This section is extracted from  
instruction manual (LDP-  
3600D).

## SECTION 1 GENERAL

### 1-1. FEATURES

**LDP-3600D** is designed to be controlled mainly by an external microcomputer with an RS-232C interface connector. Control codes from the computer allow various operations such as playback in varied speeds, repeat, pause, or search on the videodisc player.

#### No physical contact between pick-up and disc

A laser beam acts as the signal pick-up for contact-free playback and no wear on your valuable videodiscs. The audiovisual pit pattern is recorded below the surface of the videodisc for safe handling. There is no more need to be constantly on your guard against fingerprints and dust.

#### High speed access

Full stroke search on the disc is approximately 3 seconds (CAV, by frame).

#### Search operation by the second on CLV disc

Desired picture address on a CLV disc can be searched for by specifying the time (second) number recorded on the disc.

#### Remote control operation

By using the RM-2001 optional remote control unit, playback both in forward and reverse directions or special operations such as search and repeat are available. Remote control operations are possible in both wired and wireless modes.

#### Character generator incorporated

Character generator is incorporated in the LDP-3600D so that it can display a desired character according to a character code given by the connected computer. There are two character modes: 20 characters × 1 line and 10 characters × 3 lines.

#### User's code reading available

User's codes recorded on videodiscs can be detected by an external microcomputer connected to the LDP-3600D.

#### Automatic front loading

Videodiscs are inserted in front of the LDP-3600D, which saves space when compared to top loading models.

**Mountable on 19" rack**  
The videodisc player can be mounted on an EIA standard 19" rack. An optional RMM-121 rack mount kit is available to install the videodisc player into the 19" rack.

#### Black burst video out signals in the search mode

The characters or pictures output from the computer are superimposed over the videodisc picture, and they can even be seen in the search mode as the videodisc player uses the black burst video out signals to adjust the picture.

#### Screw-less mechanism for transportation

This new mechanism eliminates the need to tighten special screws to fix the laser pick-up before transporting the videodisc player.

## 1-2. TIPS ON VIDEO DISCS

### TYPES OF VIDEO DISCS

#### CAV (constant angular velocity) disc

The CAV disc always rotates at a constant speed of 1500 r.p.m. for a PAL/SECAM disc and 1800 r.p.m. for an NTSC disc and the laser beam moves from the inner part of the disc to the outer. Up to 36 minutes for a PAL/SECAM disc and 30 minutes for an NTSC disc of playback (54,000 frames) is possible on one side of the disc. Each frame of the playback picture is recorded on one track and is reproduced in one rotation. The frame number is recorded on the track. Flexible playback operation such as variable speed playback, repeat play is possible using the frame numbers as reference.

#### CLV (constant linear velocity) disc

With the CLV disc, the rotational speed varies from 570 r.p.m. to 1500 r.p.m. for a PAL/SECAM disc and 600 r.p.m. to 1800 r.p.m. for an NTSC disc so that a constant linear velocity is maintained. The laser beam moves from the inner part of the disc to the outer as with CAV discs. Playback of up to one hour is possible on one side of the disc, although only normal play, scan and search operations are possible. The elapsed playback time or the chapter number being played can be displayed on the monitor screen. Searches to the beginning of chapters or specified time codes is possible.

#### \*1) Frames

The CAV discs have up to 54,000 "frames" which are numbered in sequence. One frame is recorded on one track, that is, a frame is played back with one rotation of the disc. You can search for a particular frame quickly or repeat a particular sequence of frames.

#### \*2) Picture stop

When the player detects this code the playback enters the still mode. This code may be ignored in the scan and search modes.

#### \*3) Chapters

There are CAV and CLV discs on which "chapters", as the chapter of a book, are pre-recorded. If a chapter number is displayed after a frame number has been displayed (on a CAV disc) or after playback time is displayed in minutes (on a CLV disc) when you change the display mode, the data are pre-recorded in chapters.

#### \*4) Lead-in/lead-out

When the player detects the lead-out code, it returns to the beginning of a disc, detects the lead-in code and repeats playback.  
When the player detects the lead-in code or lead-out code in SCAN mode, the same result will be obtained.

## COMPARISON OF SONY VIDEODISC CODE TYPES

Type	purpose	location on disc	capacity	customer's creation method	encoding method
<b>I. CAV Discs</b>					
Vertical blanking (partial listing)					
—frame number*1) (picture numbers)	frame access	all vertical blankings	00001 to 54000	not available	added automatically during mastering
—picture stop *2)	automatic stop on a frame during "play" and "slow" modes	designated vertical intervals	up to 54000	list of time codes on a master tape to have stops	added during mastering
—chapter number*3)	divide content into chapters	designated vertical blankings	00 to 79; minimum chapter = 30 tracks	list of first/last time codes on a master tape of all chapters	added during mastering
<b>II. CLV Discs</b>					
Vertical blanking					
—time code number	time code access	all vertical blankings	00 hr 00 mins 00 sec to 01 hr 00 mins	not available	added automatically during mastering
—chapter number	divide content into chapters	designated vertical blankings	00 to 79; minimum = 30 tracks	list of first/last time codes on a master tape of all chapters	added during mastering
<b>III. CAV/CLV Discs</b>					
Vertical blanking					
—Lead-in*4)	locate the beginning of the program on a disc	designated vertical blankings	-----	not available	added during mastering
—Lead-out*4)	locate the end of the program on a disc	designated vertical blankings	-----	not available	added during mastering

## 1-3. PRECAUTIONS

### On safety

- Before operating the unit, check that the operating power voltage of the unit is identical with those of your local power supply.
- Should any solid object or liquid fall into the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further.
- Unplug the unit from the wall outlet if it is not to be used for an extended period of time.
- To disconnect a cord, pull it out by the plug. Never pull the cord itself.

### On installation

- Avoid placing the player in a location subject to:
  - high humidity
  - high temperature
  - excessive dust
  - mechanical vibration
  - direct sunlight

- Allow adequate air circulation to prevent internal heat buildup. Do not place the unit on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that may block the ventilation holes.
- Do not place any objects on the videodisc player.

### On operation

- Do not operate the unit right after having transported it from a cold location directly to a warm location or in a room where the temperature rises suddenly because moisture may condense in the operating section of the unit. Wait for about an hour before turning the power on in the new location or keep the rise in room temperature gradual. If the unit is operated with moisture condensation, the unit and the disc may be damaged. Therefore remove the disc immediately when there is a possibility of moisture condensation and no picture is obtained.

To evaporate the moisture rapidly, leave the player turned on without a disc loaded.

- Remove the disc from the compartment after playing it, if the unit will not be used for any length of time. Do not transport the set with a disc in place.
- To open or close the disc compartment, press the OPEN/CLOSE button. Do not pull or push the disc compartment forcibly.
- When the disc compartment is in the open position, do not press down on it strongly, or place heavy objects.

### On cleaning

Clean the cabinet, panel and controls with a dry soft cloth, or a soft cloth lightly moistened with a mild detergent solution. Do not use any type of solvent, such as alcohol or benzine, which may damage the finish.

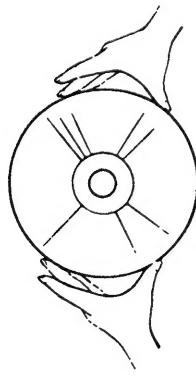
### On packing

Do not throw away the carton and packing materials. They make an ideal container in which to transport the unit. When shipping the unit to another location, repack it as illustrated on the carton.

If you have any questions about this unit, contact your authorized Sony service facility.

#### **1-4. NOTES ON HANDING VIDEO DISCS**

Handle the disc by its edge, and keep the disc clean.



Do not stick paper or tape on the disc surface.



Not this way

Do not expose the disc to direct sunlight or heat sources such as hot air ducts, or leave it in a parked car in direct sunlight which can result in a considerable rise in the temperature.

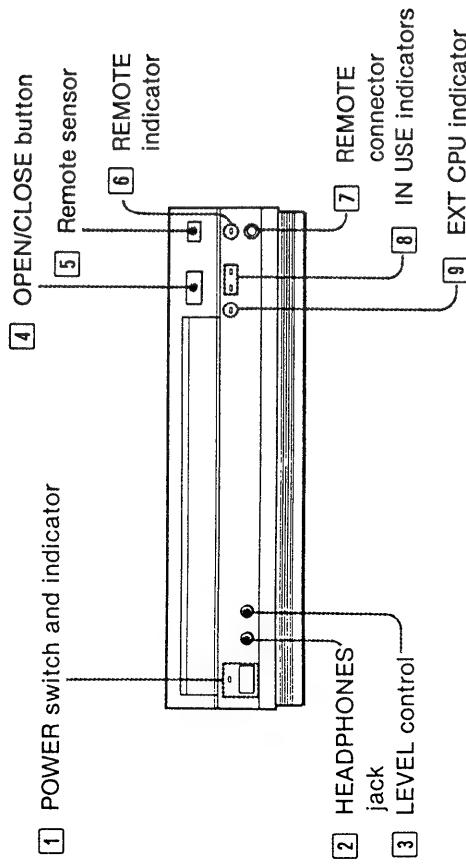
Before playing, clean the disc with a soft cloth.

Do not use solvents (such as benzine or thinner) or commercially available cleaners or anti-static sprays intended for audio discs.

After playing, store the disc in its case.

## 1-5. PARTS IDENTIFICATION

### FRONT PANEL



**① POWER switch and indicator**

Depress to turn on the power of the videodisc player. The POWER indicator will light. Press again to turn off the power.

**② HEADPHONES jack (stereo phone jack)**

Headphones for audio monitoring are connected here. The volume is adjusted with the LEVEL control.

**③ LEVEL control**

Turn to adjust the volume of the headphones. Rotating to the right increases the volume.

**④ OPEN/CLOSE button**

Press to open the disc compartment, and press again to close it. The compartment will also close automatically when it is pushed lightly. Be sure to push the center of the compartment for proper operation.

**⑤ Remote sensor**

This sensor detects infrared control signals from the optional RM-2001 remote control unit.

**⑥ REMOTE indicator**

Lights when any button on the RM-2001 remote control unit is pressed.

**⑦ REMOTE connector**

This special minijack allows for wired connection of the optional

RM-2001 remote control unit.

**⑧ IN USE indicators**

**PAL indicator**

Lights when a PAL/SECAM videodisc is being played back.

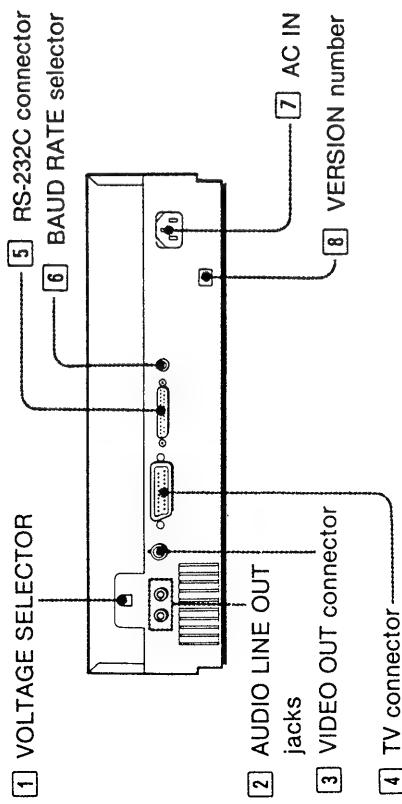
**NTSC indicator**

Lights when an NTSC videodisc is being played back. PAL and NTSC indicators blink simultaneously while loading or unloading a videodisc.

**⑨ EXT CPU indicator**

Lights when the player is controlled by an external computer through the RS-232C interface connector. When this indicator is lit, RM-2001 remote control unit cannot be used. The videodisc player will automatically respond to commands given by the external computer.

## 1-6. REAR PANEL



**[1] VOLTAGE SELECTOR**  
Set this selector to the 100 V, 120 V, 220 V or 240 V position according to the power supplied from the wall outlet.

### [2] AUDIO LINE OUT jacks

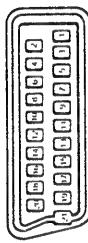
Phono jacks (RCA type) for audio signal output. The audio signals of the channel 1 (CH-1) are output from the 1/L jack, and the signals of the channel 2 (CH-2) are output from the 2/R jack.

**[3] VIDEO OUT connector**  
BNC connector for output of composite video signals.

### [4] TV connector

21-pin connector (CENELEC standard) for video and audio signal outputs.  
If your TV monitor is equipped with a connector of the same type, connect it to this connector using the cable with the square 21-pin plugs to supply the video and audio signals to the TV monitor with a single cable.

## Pin assignment

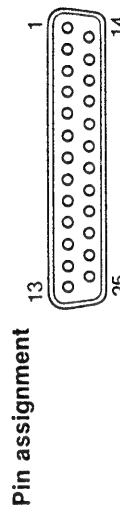


Pin No.	Signal	Pin No.	Signal	Pin No.	Signal
1	Audio B	8	Status (+ 12V)	15	NC
2	NC	9	NC	16	NC
3	Audio A	10	NC	17	Video (G)
4	Audio (G)	11	NC	18	NC
5	NC	12	NC	19	Video
6	NC	13	NC	20	NC
7	NC	14	NC	21	GND

NC: no connection

### [5] RS-232C connector

Standard 25-pin RS-232C interface connector for communication with an external computer. Refer to page 22 for making connections with an external computer.



Pin No.	Signal
1	FG (Frame ground)
2	TxD (Transmit data)
3	RxD (Receive data)
4	RTS (Request to send)
5	CTS (Clear to send)
6	DSR (Data set ready)
7	GND
20	DTR (Data terminal ready)

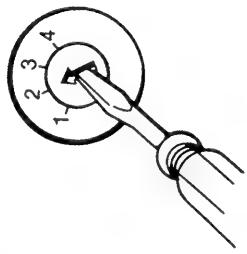
Each signal conforms to the RS-232C specifications.  
(Output level ON: more than +5V, OFF: less than -5V)

## 1-7. TO PLAY BACK A VIDEODISC

**Note:** Check the RS-232C pin assignment of the external computer to be connected. There is a modem mode and terminal mode for pin assignment. The RS-232C pin assignment for LDP-3600D is for the terminal mode.

**[6] BAUD RATE selector**

Select the data transmission speed on the RS-232C line. The baud rate can be set to 9600, 4800, 2400, or 1200 baud. Be sure that the speed set on the videodisc player is matched to that on the connected computer. The data speed is initially set to 1200 at the factory.



Switch setting

1	1200
2	2400
3	4800
4	9600

Set the arrow to point to the desired number using a tiny screw driver.

**[7] AC IN (Inlet)**

Grounded three-prong AC power inlet.

The power cord is connected here and the other end is inserted into the appropriate AC wall outlet (100 V, 120 V, 220 V or 240 V AC).

**[8] VERSION number**

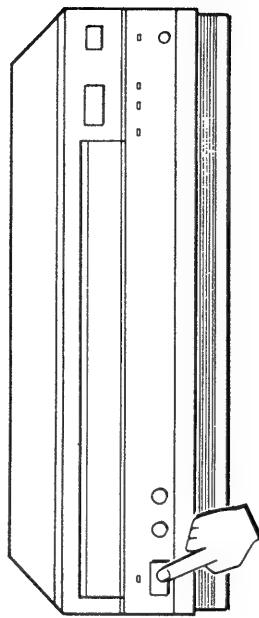
Shows the ROM version on the player.

The procedure outlined below shows only the simple operations of the videodisc player to play back the videodisc. The disc is automatically and endlessly played back after it is set in the videodisc player. Without the remote control unit or control signals from the external computer, other operations such as pause, repeat, search, playback in various speeds are not available. For the operations which are only available with the remote control unit, see page 21. For the computer-controlled operations, read the separate LDM-G1000 Interface Manual.

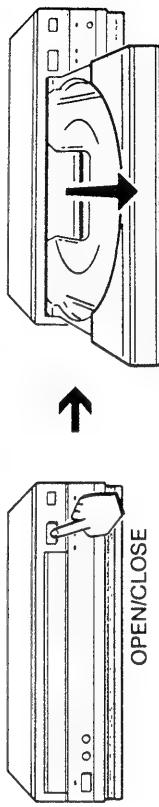
Before starting the operation, keep in mind the following precautions.

- To open and close the disc compartment, press the OPEN/CLOSE button.
- Place a disc in the tray with the side to be played back facing down (with the label of the desired side up). Note that the laser reads from below.
- If a disc is not placed correctly in the tray or the disc has a defect which prevents normal playback, the disc compartment will be ejected as soon as the defect is encountered.

- 1 Turn on the videodisc player by pressing the POWER switch. The POWER indicator will light up.

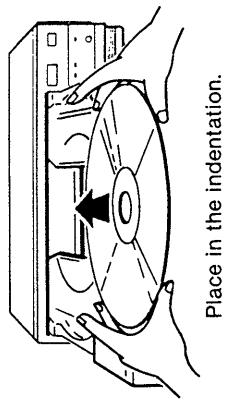


- 2 Press the OPEN/CLOSE button to open the disc compartment.



## 1-8. OPERATION WITH THE RM-2001 REMOTE CONTROL UNIT

3 Place the disc with the desired program label facing up.



The main functions available with the remote control unit are as follows. For details about the remote control unit, read the RM-2001 operating instructions.

**Play**  
Normal playback of a videodisc both in forward and reverse directions.

**Fast**  
Triple-speed playback both in forward and reverse directions.

**Stop**  
To stop playing back a videodisc.

**Still/Step**  
To obtain a still picture one by one both in forward and reverse directions.

4 Press the OPEN/CLOSE button. The disc starts rotating and the IN USE indicators will blink for a few seconds. Playback begins automatically, and either the PAL or NTSC IN USE indicator lights up according to the colour system of the disc.

**To stop the playback and remove the disc**  
Press the OPEN/CLOSE button to stop playing the disc, no matter what mode the player is in. The disc will stop rotating, and the disc compartment will be ejected.

### Notes

- At the beginning of the playback, the picture may be distorted. This symptom tends to occur especially when a CLV disc is used.
- To avoid damaging the disc, do not move the videodisc player while it is operating or while it contains a disc.

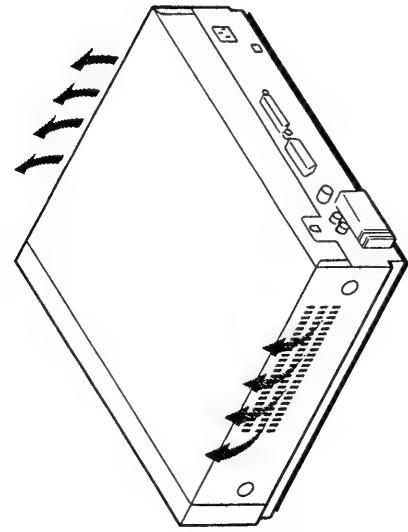
**Search**  
To search for a specified picture on a disc.

**Repeat**  
Playback between two specified frames on a CAV disc or time numbers on a CLV disc.

## 1-9. NOTES ON INSTALLING THE PLAYER IN A RACK

When the videodisc player(s) is(are) installed in a rack, special consideration should be taken to prevent internal heat buildup.

### Ventilation holes on the LDP-3600D



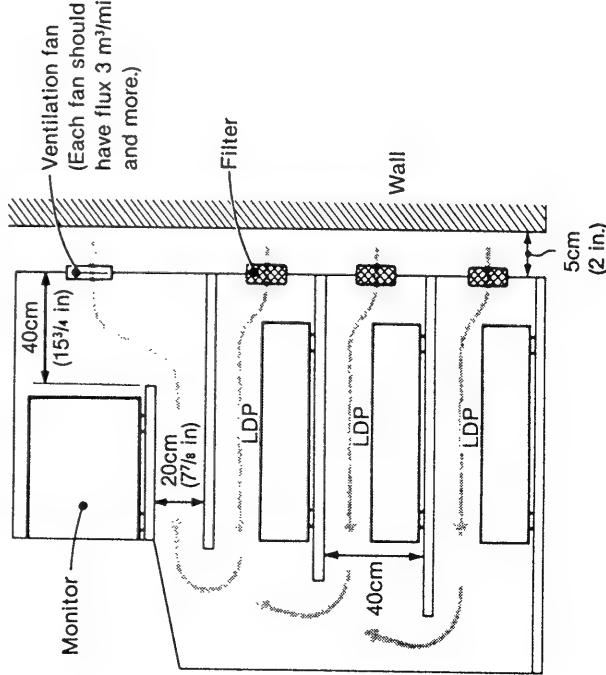
- The air in the rack should be circulated from the bottom to the top as indicated.
- The temperature in the rack should not be over 35°C (95°F).
- Allow at least 5 cm (2 inches) behind the rack when installing it against the wall.
- The distance between each shelf should be at least 40 cm (15 $\frac{3}{4}$  inches).

- The holes located at the back of the rack should have filters to prevent dust from being drawn into the rack.
- At least two ventilation fans should be used and should be installed in the back of the rack as indicated in the figure.
- If a monitor is installed in the same rack, care should be taken to prevent the players from being affected by the heat from the monitor.

#### Recommended ventilation when installed in a standard 19" rack

- Use the optional RMM-121 rack mount kit to install the player(s) in a standard 19" rack.
- Three ventilation fans with flux 3 m<sup>3</sup>/min should be used for five players installed in a standard 19" rack. If you have any questions regarding ventilation in a rack, consult your authorized Sony representative.

#### Recommended ventilation when installed in a closed rack



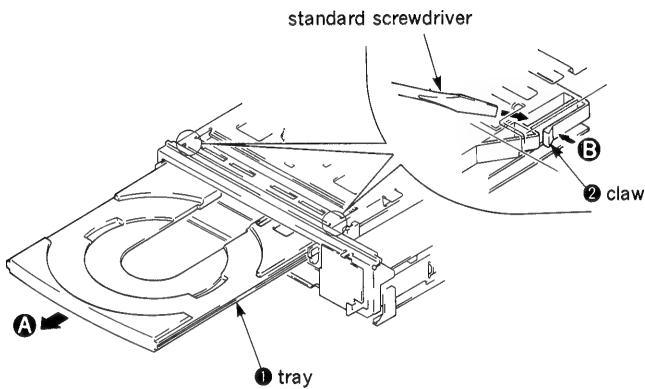
#### Note

When the player is used in a dusty place, powdery dust will be drawn in the player and contaminate the objective lens in the optical pick-up system. Ask your nearest Sony service facility for lens cleaning.

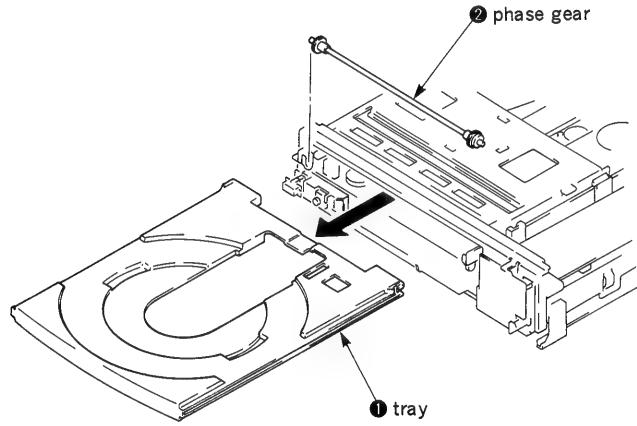
## SECTION 2 DISASSEMBLY

### 2-1. REMOVAL OF TRAY AND CHUCK ARM .....(1)

- 1) Turn on power supply and set to eject state.  
\* When not ejecting, see "2-4. METHOD TO EJECT MANUALLY".
- 2) Insert a standard screwdriver, etc. into the left and right notch section as shown in Fig. and remove the claw ② of tray in the direction of arrow ③ while pulling the tray ① in the direction of arrow ④.

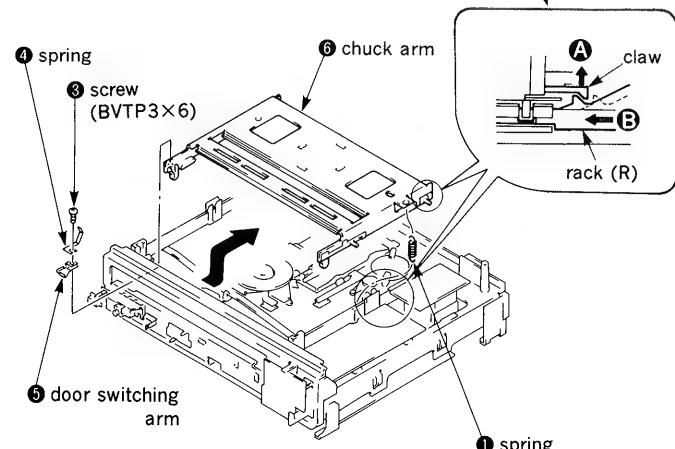


### 2-2. REMOVAL OF TRAY AND CHUCK ARM .....(2)



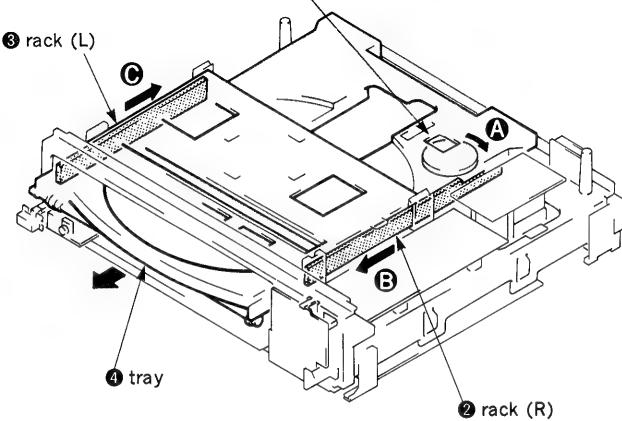
### 2-3. REMOVAL OF TRAY AND CHUCK ARM .....(3)

- 2) While pushing the claw in the direction of arrow ④, move the rack (R) in the direction of arrow ⑤ so that it is positioned to where it is shown in Fig.



### 2-4. METHOD TO EJECT MANUALLY

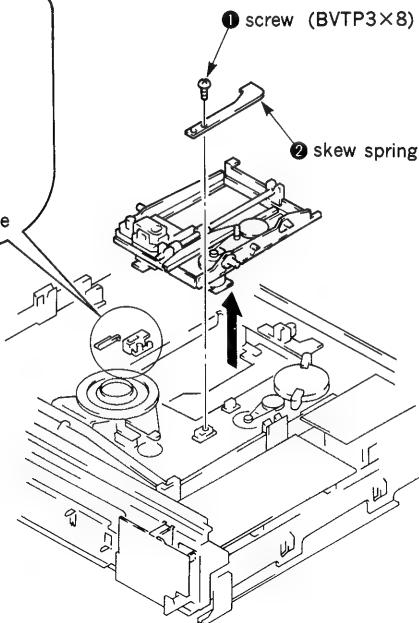
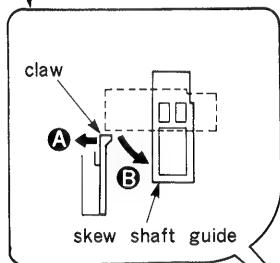
- 1) Rotate drive cam in the direction of arrow ① until rack (R) begins to move.



Move rack (R) ② and rack (L) ③ respectively in the directions of arrows ② and ③ simultaneously and lift up tray.

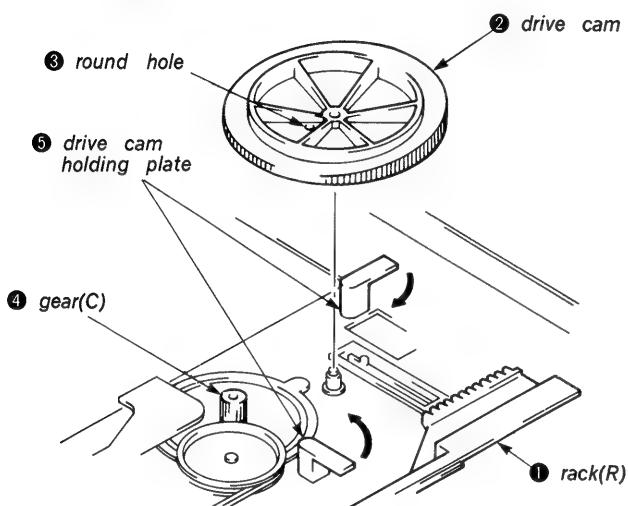
### 2-5. REMOVAL OF SKEW BASE ASSEMBLY

- 3) Rotate skew shaft guide in the direction of arrow ② while pushing the claw in the direction of arrow ①.



## 2-6. INSTALLATION OF DRIVE CAM

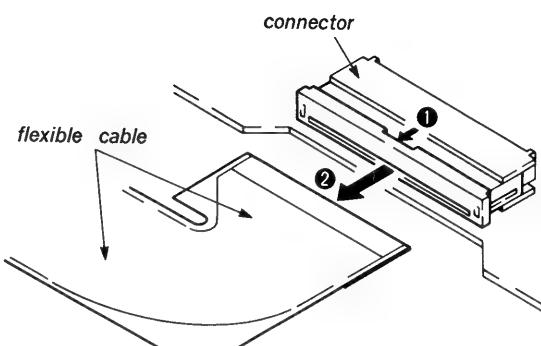
- 1) Confirm that the rack (R) ① has been滑ed until it contacts the rear side.
- 2) Install by setting the round hole ③ of the drive cam ② to face the front side and by engaging it to the gear (C) ④.
- 3) Rotate the two drive cam holding plates ⑤ to the respective directions of arrow and secure the drive cam ②.



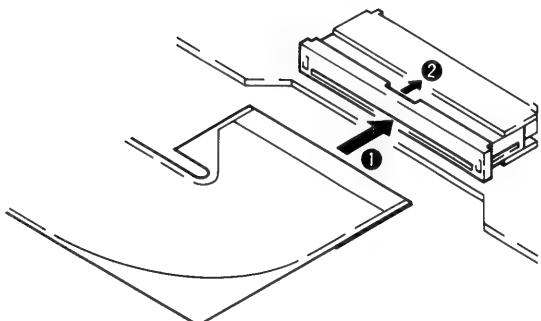
### 〈Caution on Optical Block Ass'y Installation〉

Be sure to set the tray roller to the skew base assy correctly, when installing optical block assy.

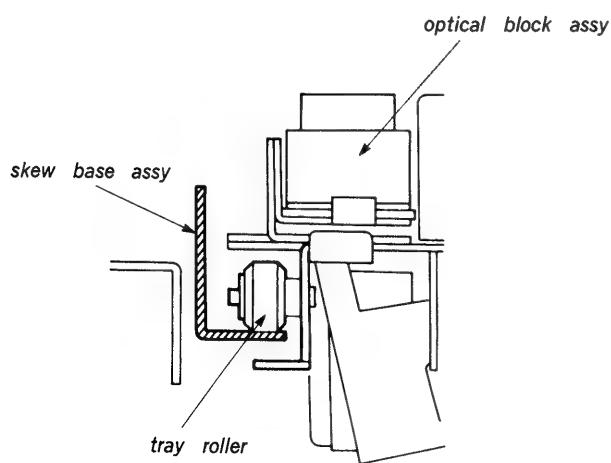
Remove or connect the flexible cable of optical block assy from or to the connector by sliding it as shown below. The cable may be damaged by the forced handing.



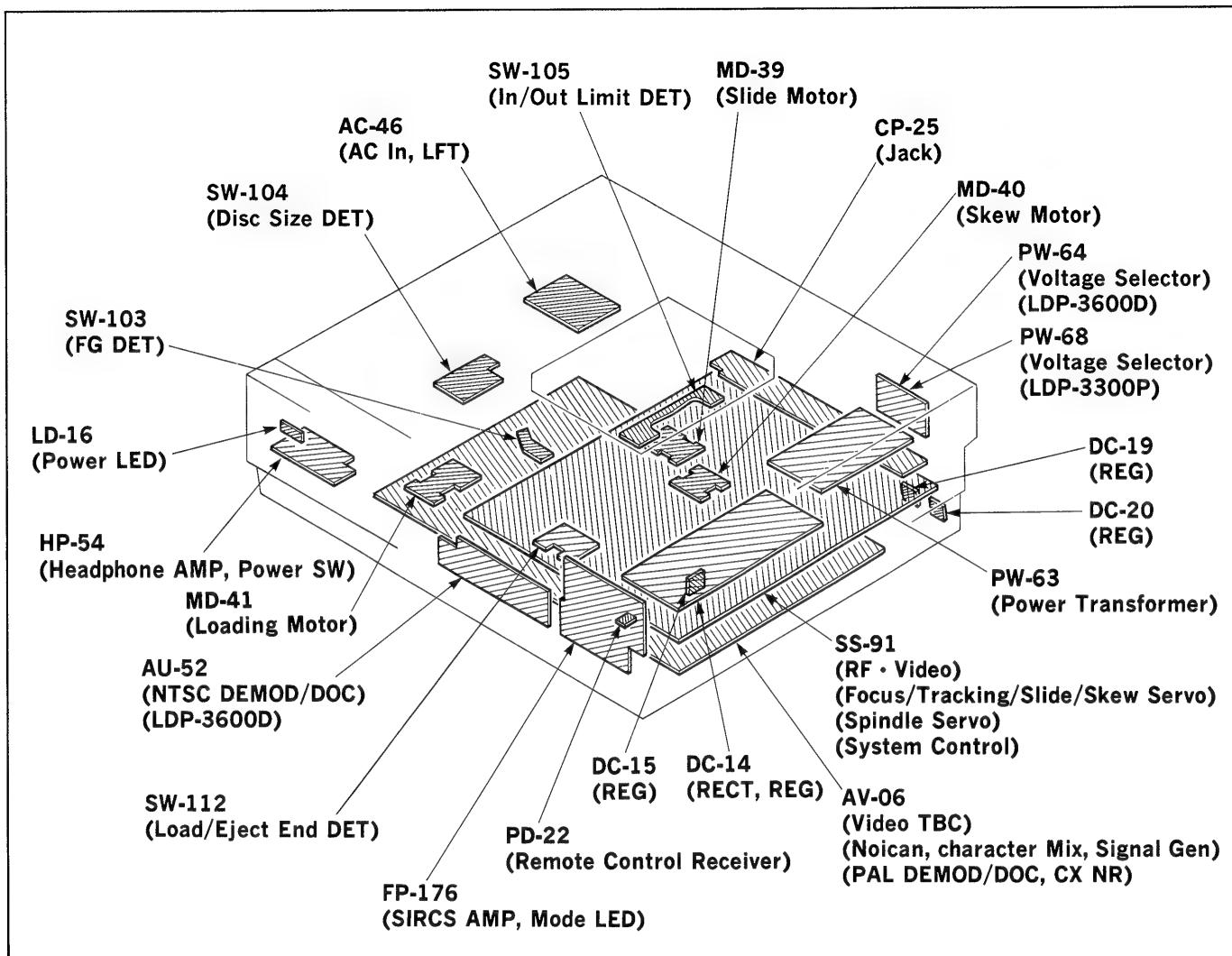
(Removal)



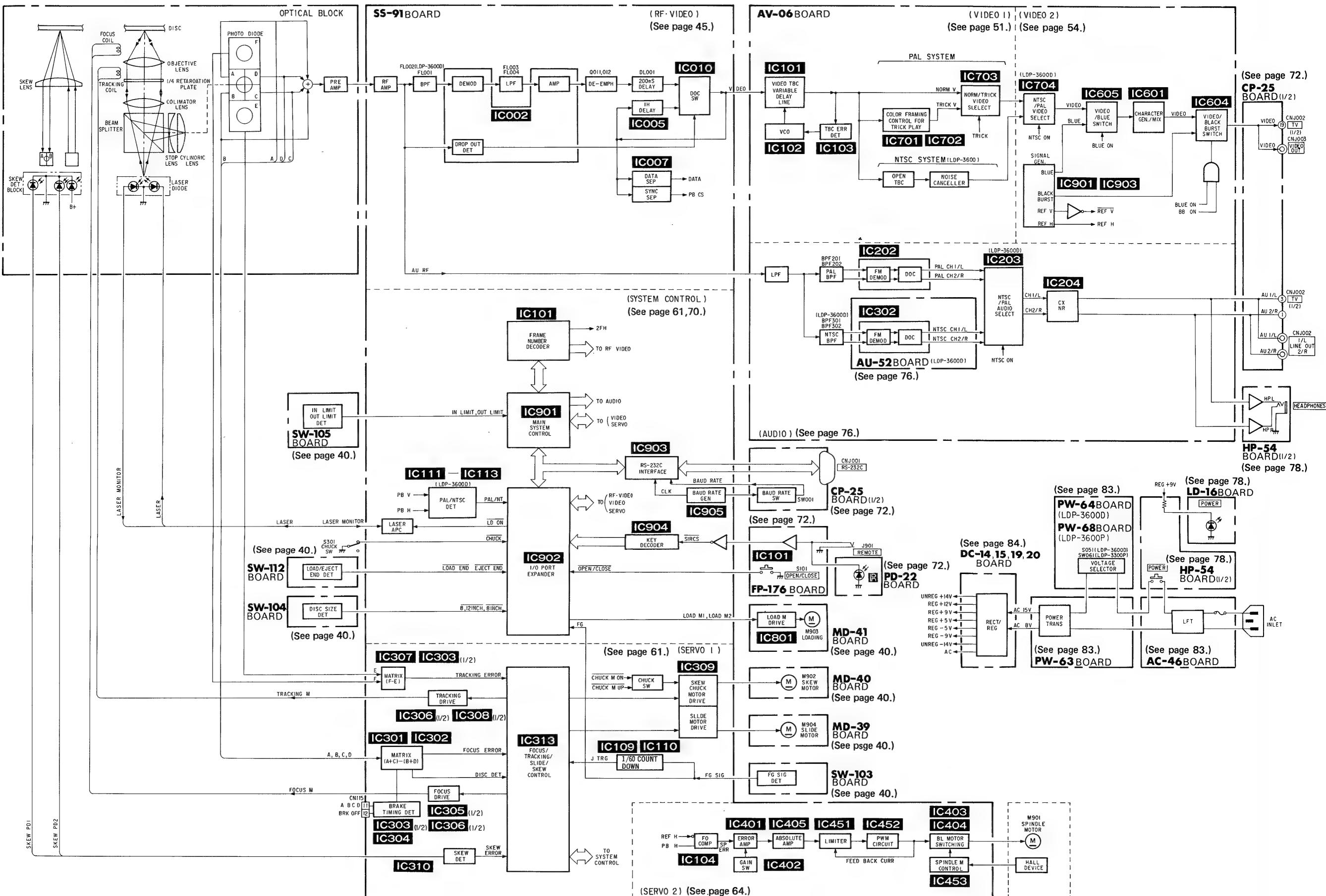
(Installation)



〈Normal setting〉

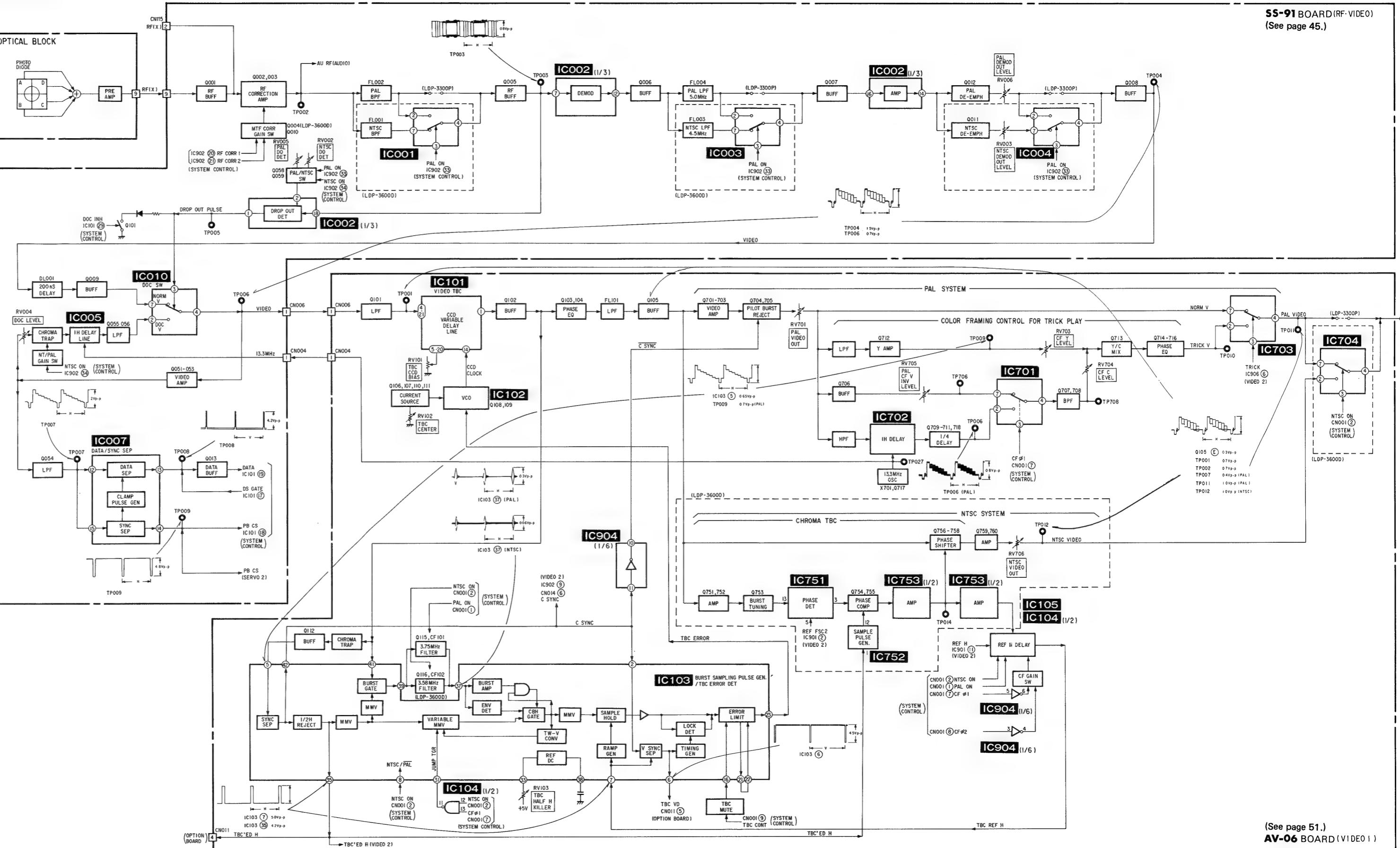
**SECTION 3  
DIAGRAMS****3-1. CIRCUIT BOARDS LOCATION**

### 3-2. OVERALL BLOCK DIAGRAM



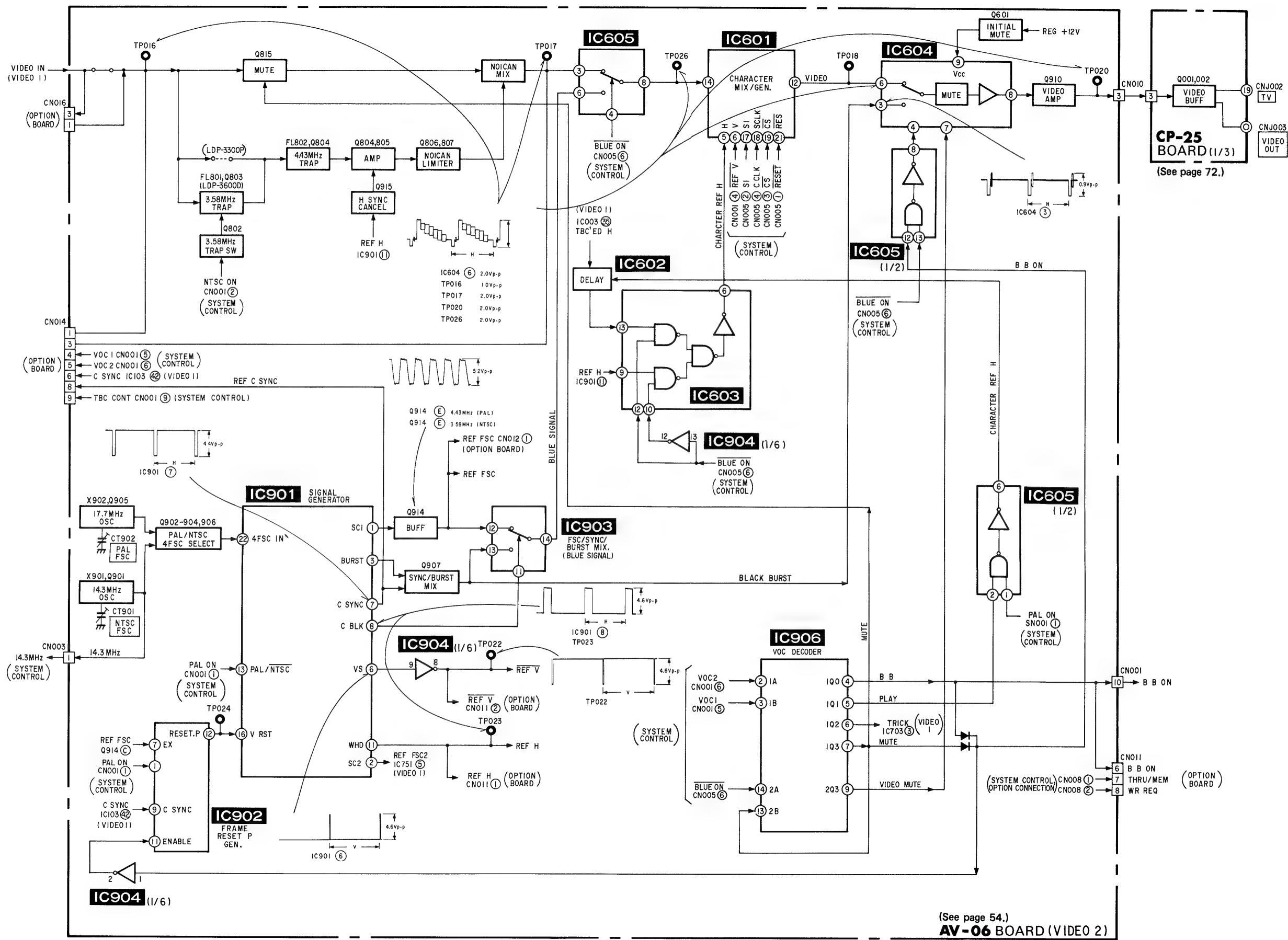
LDP-3300P/3600D

## **VIDEO (1) BLOCK DIAGRAM**

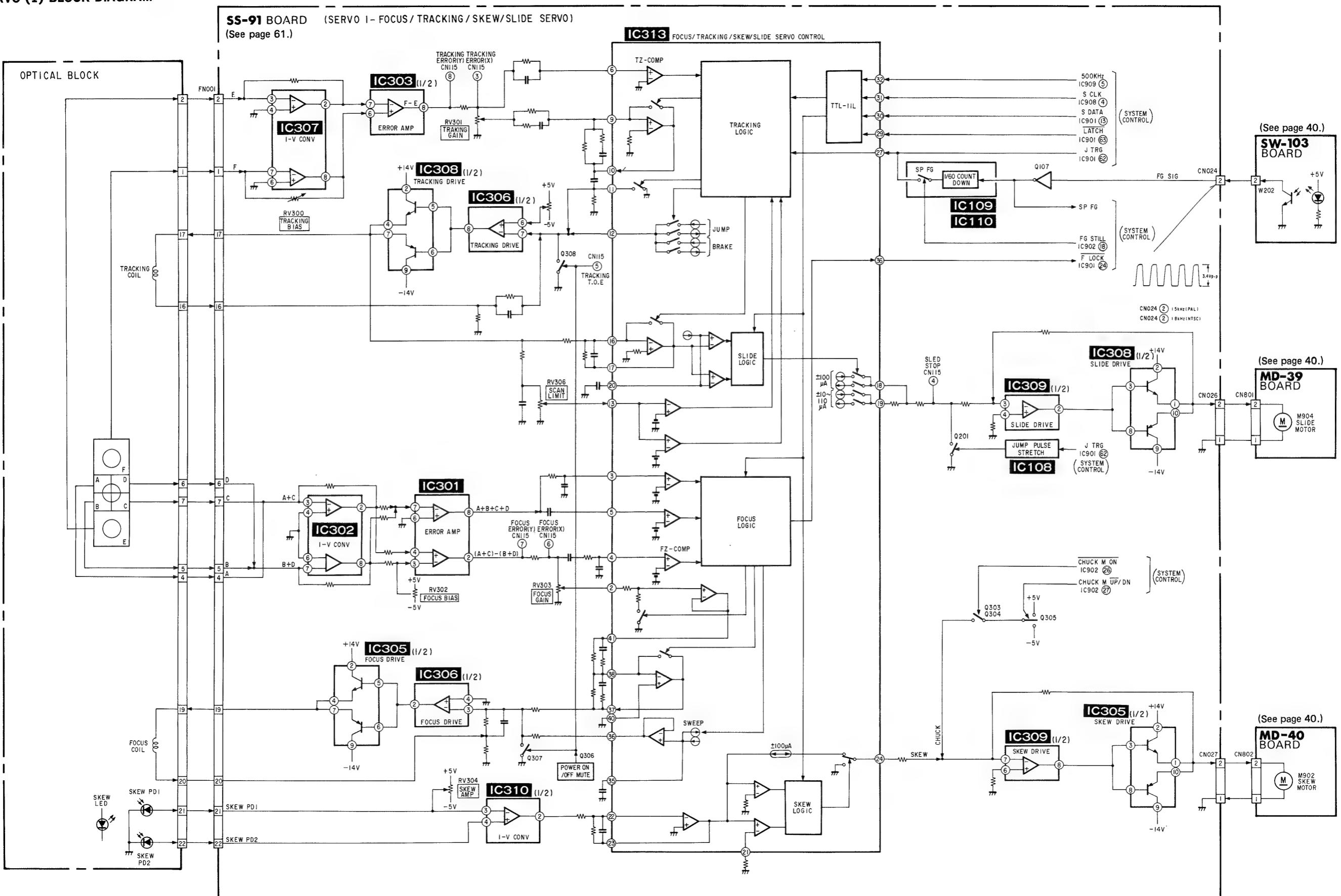


See page 51.)  
**AV-06** BOARD (VIDEO 1)

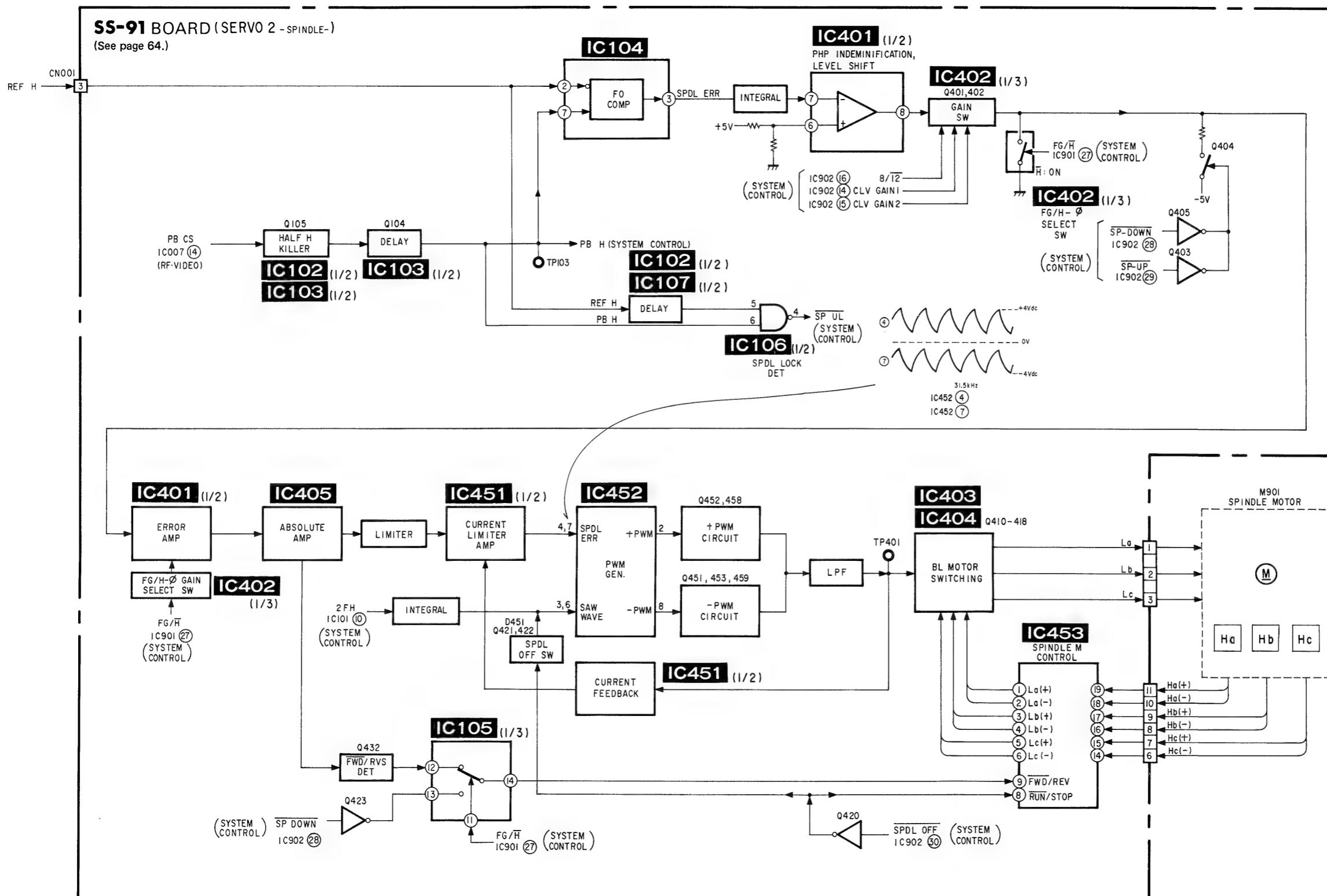
## 3-4. VIDEO (2) BLOCK DIAGRAM

(See page 54.)  
AV-06 BOARD (VIDEO 2)

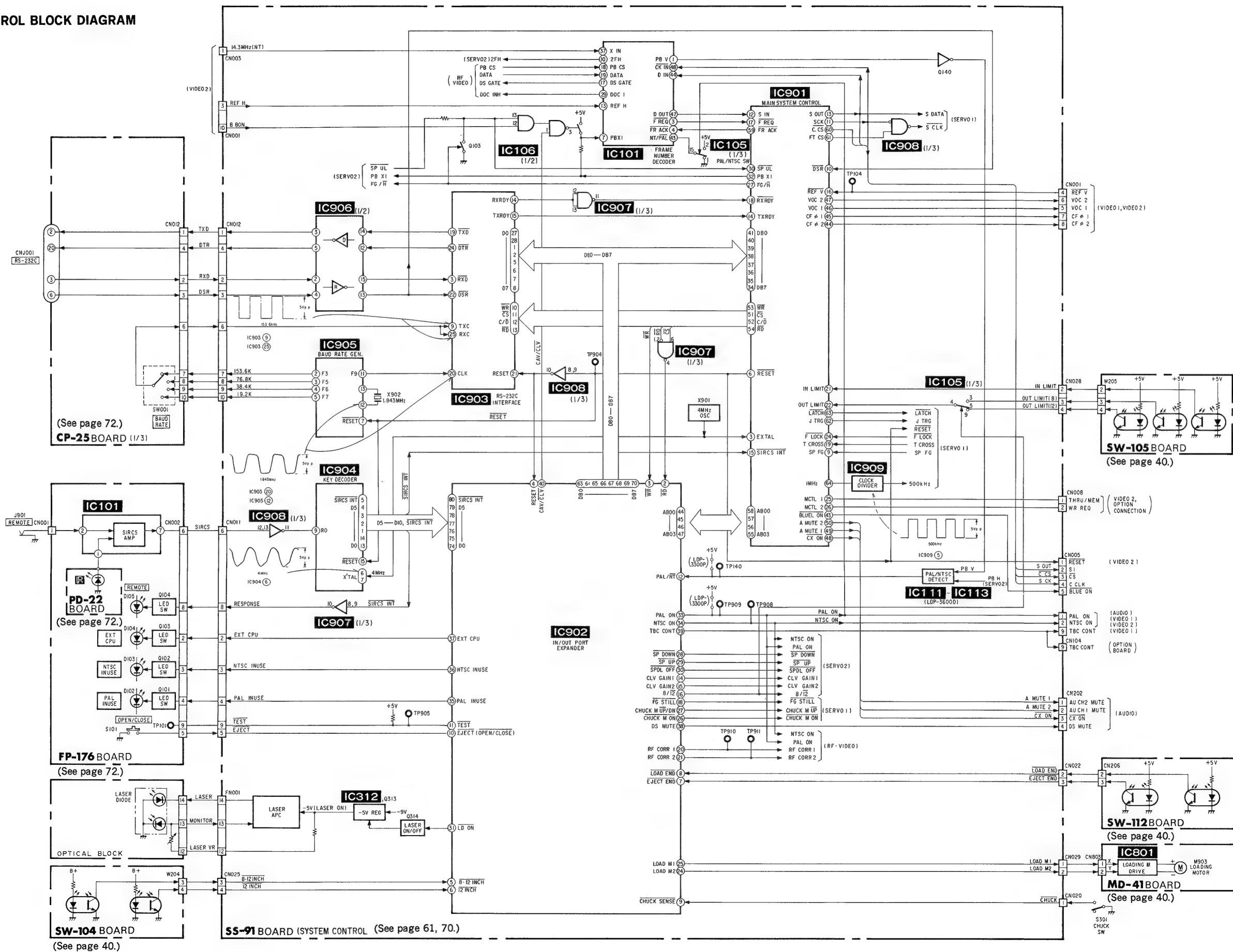
### **3-5. SERVO (1) BLOCK DIAGRAM**



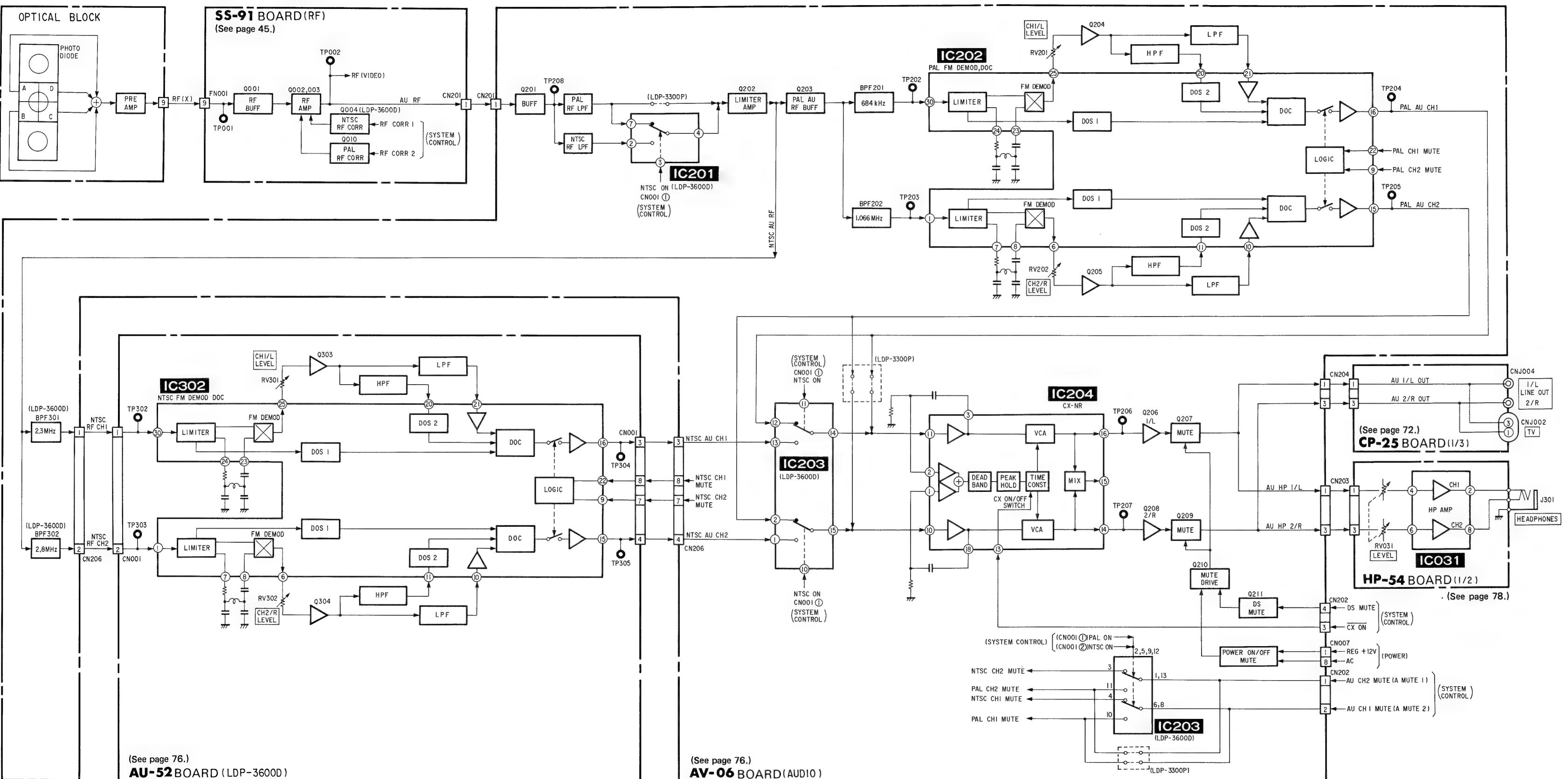
## 3-6. SERVO (2) BLOCK DIAGRAM



## 3-7. SYSTEM CONTROL BLOCK DIAGRAM

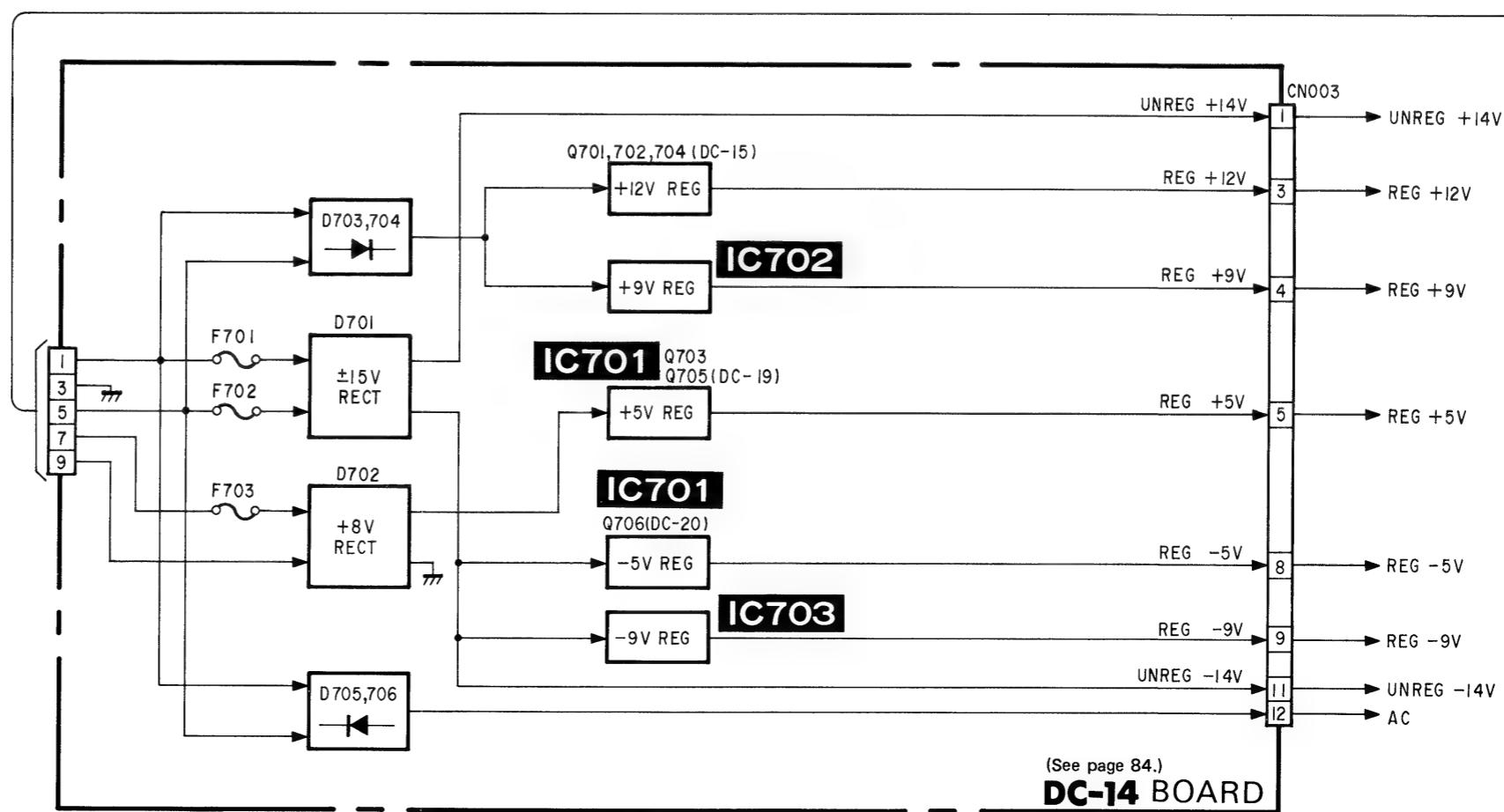
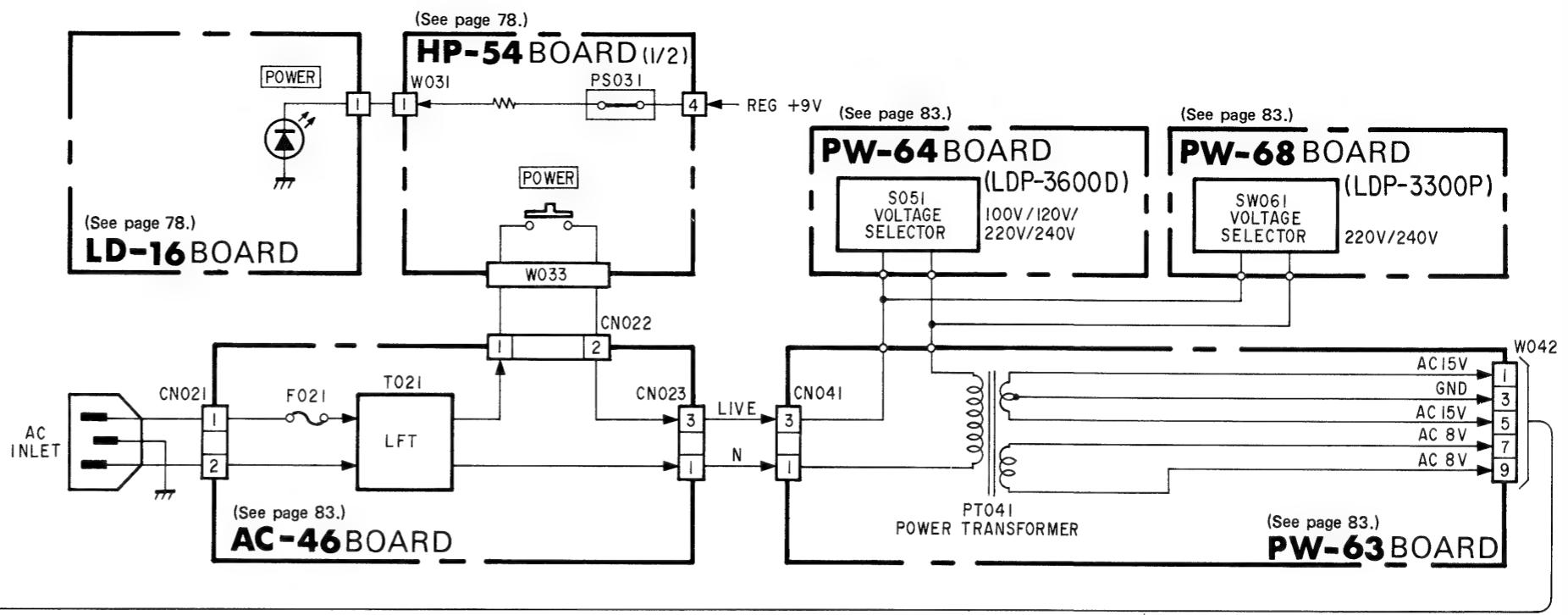


## 3-8. AUDIO BLOCK DIAGRAM





**3-9. POWER BLOCK DIAGRAM**



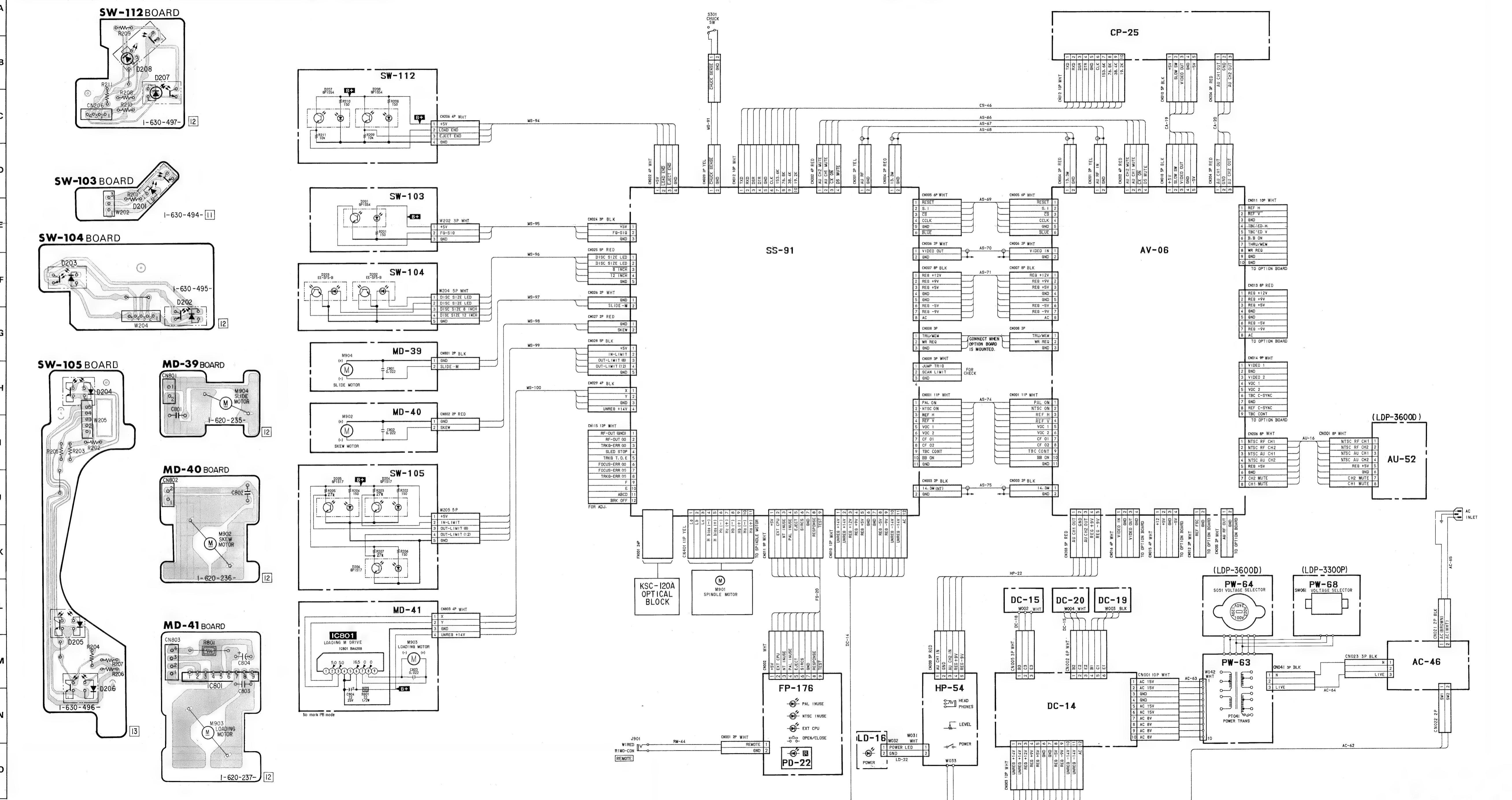
# **SECTION 4**

## **PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS**

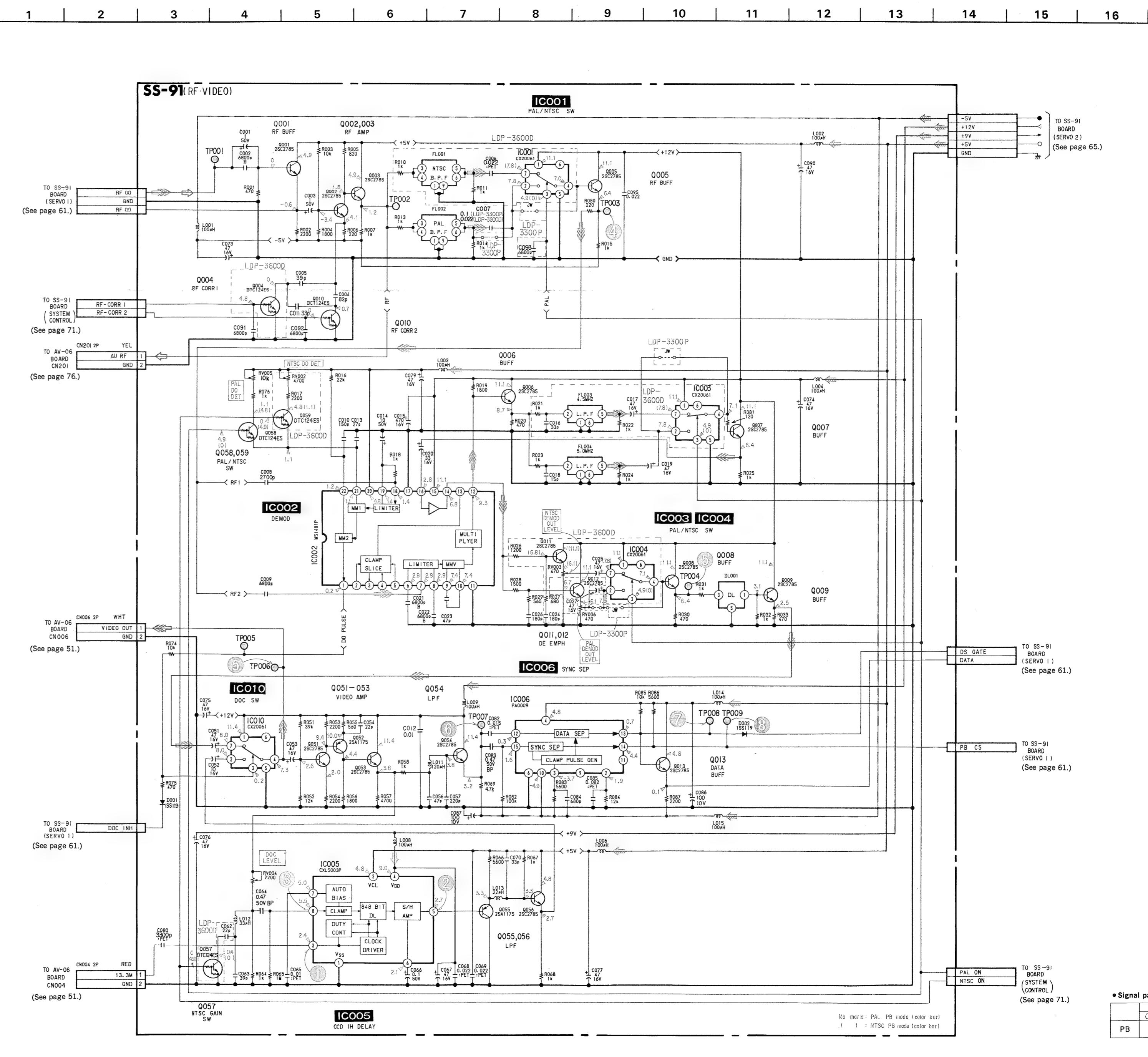
#### **4-1. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAM**

FRAME SCHEMATIC DIAGRAM AND MD-39 (SLIDE MOTOR), MD-40 (SKEW MOTOR), MD-41 (LOADING MOTOR), SW-103 (FG DET), SW-104 (DISC SIZE DET), SW-105 (IN/OUT LIMIT DET), SW-112 (LOAD/EJECT END DET) PRINTED WIRING BOARDS AND SCHEMATIC DIA

—Ref. No. MD-39, MD-40, MD-41, SW-103, SW-104, SW-105 and SW-112 BOARDS : 1,000 series



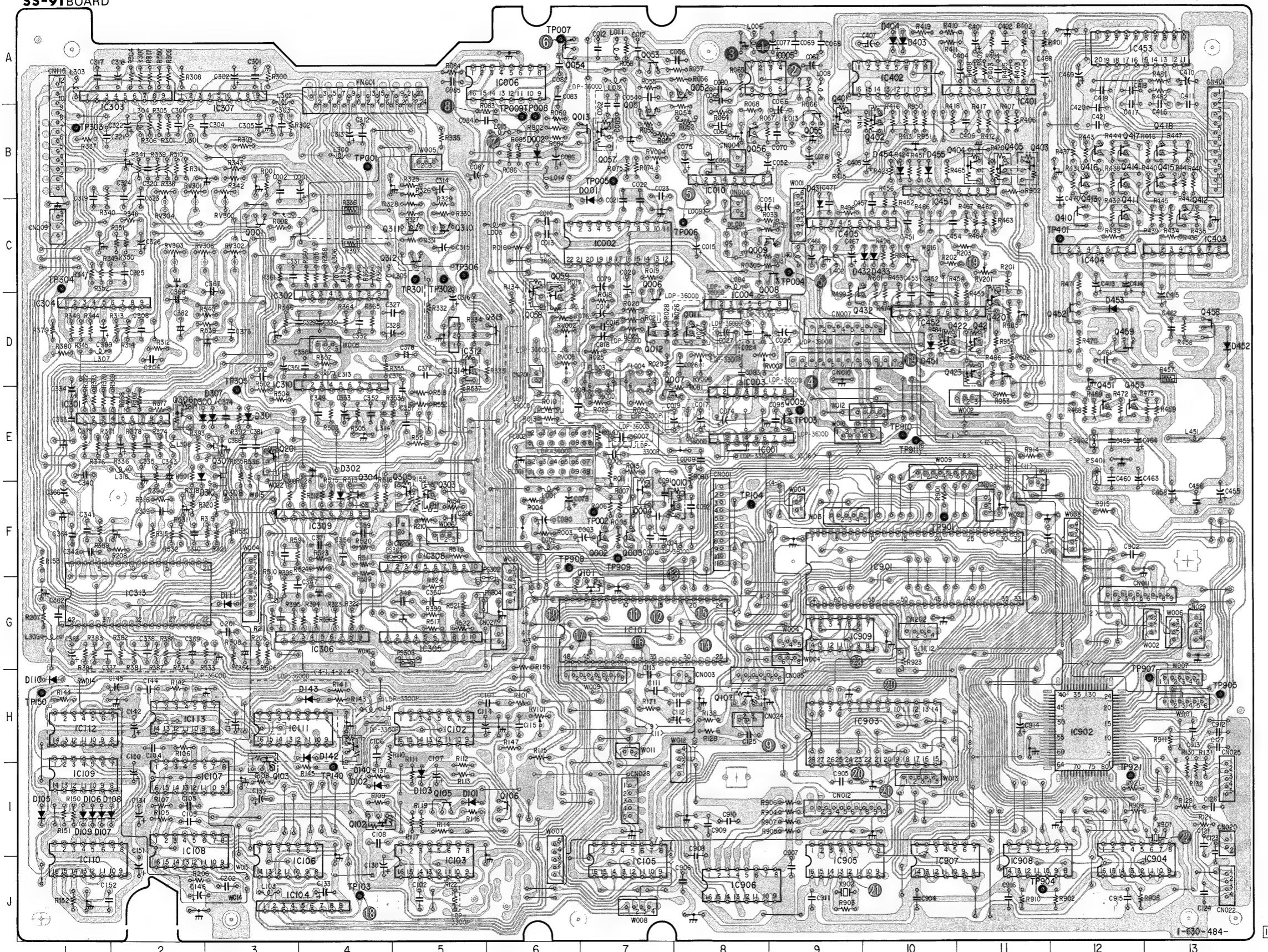
SS-91 (RF • VIDEO) SCHEMATIC DIAGRAM  
—Ref. No. SS-91 BOARD: 7,000 series—



SS-91 (RF • VIDEO) PRINTED WIRING BOARD

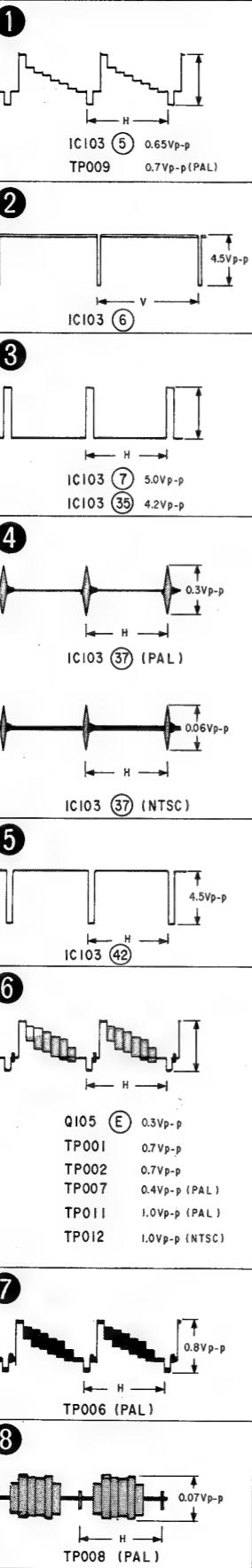
—Ref. No. SS-91 BOARD: 7,000 series—

**SS-91 BOARD**



CN001	F-8	IC452	D-10	RV306	C-3
CN003	H-8	IC453	A-13	TP001	B-4
CN004	B-8	IC904	F-10	TP002	E-7
CN005	H-8	IC902	H-12	TP003	E-9
CN006	C-8	IC903	H-10	TP004	C-9
CN007	D-9	IC904	J-13	TP005	B-7
CN008	F-11	IC905	J-9	TP006	C-8
CN009	C-1	IC906	J-8	TP007	A-6
CN010	D-9	IC907	J-10	TP008	B-6
CN011	G-12	IC908	J-11	TP009	B-6
CN012	I-9	IC909	G-9	TP103	J-4
CN020	I-13	Q001	C-3	TP104	F-8
CN022	J-13	Q002	F-7	TP140	I-4
CN024	H-8	Q003	F-7	TP150	H-1
CN025	I-13	Q004	F-7	TP301	C-5
CN026	F-5	Q005	H-8	TP302	C-5
CN027	G-6	Q006	D-7	TP303	B-1
CN028	I-7	Q007	E-8	TP304	C-1
CN029	G-13	Q008	C-9	TP305	D-3
CN115	A-1	Q009	C-9	TP306	C-5
CN201	D-6	Q010	F-8	TP401	C-12
CN202	G-10	Q011	D-8	TP901	F-10
CN401	B-13	Q012	D-7	TP904	J-11
D001	C-7	Q013	B-7	TP905	H-13
D002	B-6	Q051	B-7	TP907	H-13
D101	I-5	Q052	A-8	TP908	F-6
D102	I-4	Q053	A-7	TP909	F-7
D103	I-5	Q054	A-6	TP910	E-10
D105	I-1	Q055	B-9	TP911	E-10
D106	I-1	Q056	B-8	TP921	I-12
D107	I-1	Q057	B-7		
D108	I-1	Q058	D-6		
D109	I-1	Q059	D-6		
D110	H-1	Q101	G-7		
D111	G-3	Q102	I-4		
D142	H-4	Q103	I-3		
D143	H-4	Q104	J-6		
D300	E-3	Q105	I-5		
D301	E-3	Q106	I-6		
D302	F-4	Q107	H-8		
D307	E-3	Q108	I-6		
D310	E-3	Q140	H-4		
D403	A-10	Q201	E-3		
D404	A-10	Q303	F-5		
D431	C-9	Q304	F-4		
D432	C-10	Q305	F-5		
D452	D-13	Q306	E-2		
D453	D-12	Q307	E-3		
D454	B-10	Q308	F-3		
D455	B-10	Q310	C-5		
D433	C-10	Q311	C-5		
D451	D-10	Q312	C-5		
		Q313	D-6		
IC001	E-8	Q314	D-5		
IC002	C-7	Q401	B-9		
IC003	E-8	Q402	B-10		
IC004	D-8	Q403	B-11		
IC005	A-9	Q404	B-11		
IC006	A-6	Q405	B-11		
IC010	B-8	Q410	C-12		
IC101	G-7	Q411	C-12		
IC102	H-5	Q412	C-13		
IC103	J-5	Q413	B-12		
IC104	J-3	Q414	B-12		
IC105	J-7	Q415	B-13		
IC106	J-3	Q416	B-12		
IC107	I-2	Q417	B-12		
IC108	I-2	Q418	B-13		
IC109	I-1	Q420	D-11		
IC110	J-1	Q421	D-11		
IC111	H-3	Q422	D-11		
IC112	H-1	Q423	D-11		
IC113	H-2	Q432	D-10		
IC301	E-1	Q451	E-12		
IC302	D-4	Q452	D-12		
IC303	A-2	Q453	E-12		
IC304	D-1	Q458	D-13		
IC305	G-5	Q459	D-12		
IC306	G-4				
IC307	A-3	RV002	D-6		
IC308	F-5	RV003	D-8		
IC309	F-4	RV004	B-7		
IC310	E-4	RV005	D-6		
IC312	D-5	RV006	D-8		
IC313	G-2	RV101	H-6		
IC401	A-11	RV201	C-11		
IC402	A-10	RV300	C-3		
IC403	C-13	RV301	C-2		
IC404	C-12	RV302	C-3		
IC405	C-9	RV303	C-2		
IC451	B-10	RV304	C-2		

**AV-06 BOARD (VIDEO1)**



CN001 I-3  
 CN003 K-2  
 CN004 C-10  
 CN005 F-3  
 CN006 A-10  
 CN007 H-9  
 CN008 I-4  
 CN010 I-4  
 CN011 I-4  
 CN012 J-1  
 CN013 H-10  
 CN014 E-10  
 CN015 G-10  
 CN016 H-9  
 CN201 J-10  
 CN202 J-4  
 CN203 K-2  
 CN204 J-2  
 CN205 I-10  
 CN206 L-6

Q203 J-9  
 Q204 K-8  
 Q205 K-6  
 Q206 I-4  
 Q207 K-3  
 Q208 L-3  
 Q209 K-3  
 Q210 J-3  
 Q211 K-3  
 Q301 J-9  
 Q601 G-2  
 Q701 C-9  
 Q702 D-8  
 Q703 D-8  
 Q704 D-8  
 Q705 D-8  
 Q706 E-9  
 Q707 F-8  
 Q708 G-8  
 Q709 E-9  
 Q710 F-9  
 Q711 F-9  
 Q712 D-8  
 Q713 D-7

D101 A-5  
 D201 J-9  
 D202 J-9  
 D203 J-3  
 D204 J-3  
 D601 E-3  
 D602 E-3  
 D751 F-7  
 D752 E-6  
 D753 C-5  
 D801 H-5  
 D901 K-2  
 D902 K-1  
 D904 F-1  
 D906 I-2  
 D907 G-4  
 D908 G-4

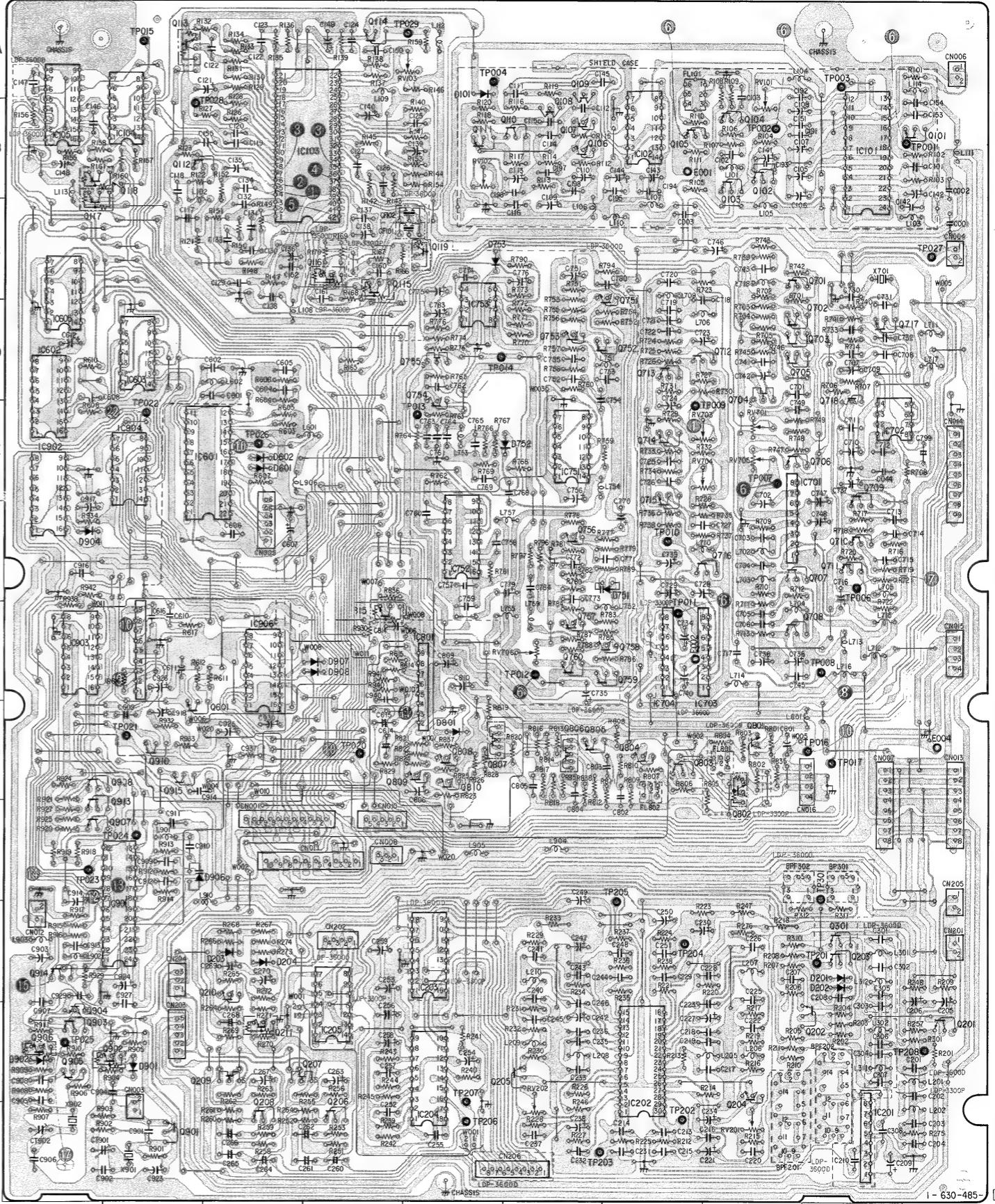
IC101 B-9  
 IC102 B-7  
 IC103 B-4  
 IC104 B-2  
 IC105 B-1  
 IC201 L-9  
 IC202 K-7  
 IC203 J-5  
 IC204 K-5  
 IC205 K-4  
 IC601 E-3  
 IC602 D-1  
 IC603 D-2  
 IC604 G-2  
 IC605 D-1  
 IC701 E-8  
 IC702 E-9  
 IC703 G-8  
 IC704 G-7  
 IC751 E-6  
 IC752 F-5  
 IC753 D-5  
 IC801 G-5  
 IC901 I-2  
 IC902 E-1  
 IC903 G-1  
 IC904 E-2  
 IC906 G-3

Q101 B-10  
 Q102 B-8  
 Q103 B-8  
 Q104 B-8  
 Q105 B-7  
 Q106 B-6  
 Q107 B-6  
 Q108 B-6  
 Q109 A-6  
 Q110 B-6  
 Q111 B-5  
 Q112 B-2  
 Q113 A-2  
 Q114 A-4  
 Q115 C-4  
 Q116 C-4  
 Q117 C-1  
 Q118 B-1  
 Q119 C-5  
 Q201 K-10  
 Q202 K-9

TP022 E-2  
 TP023 I-1  
 TP024 I-2  
 TP025 K-1  
 TP026 E-3  
 TP027 C-10  
 TP028 B-2  
 TP029 A-5  
 TP201 J-9  
 TP202 L-7  
 TP203 L-6  
 TP204 J-7  
 TP205 I-7  
 TP206 L-5  
 TP207 K-5  
 TP208 K-10  
 TP301 I-9

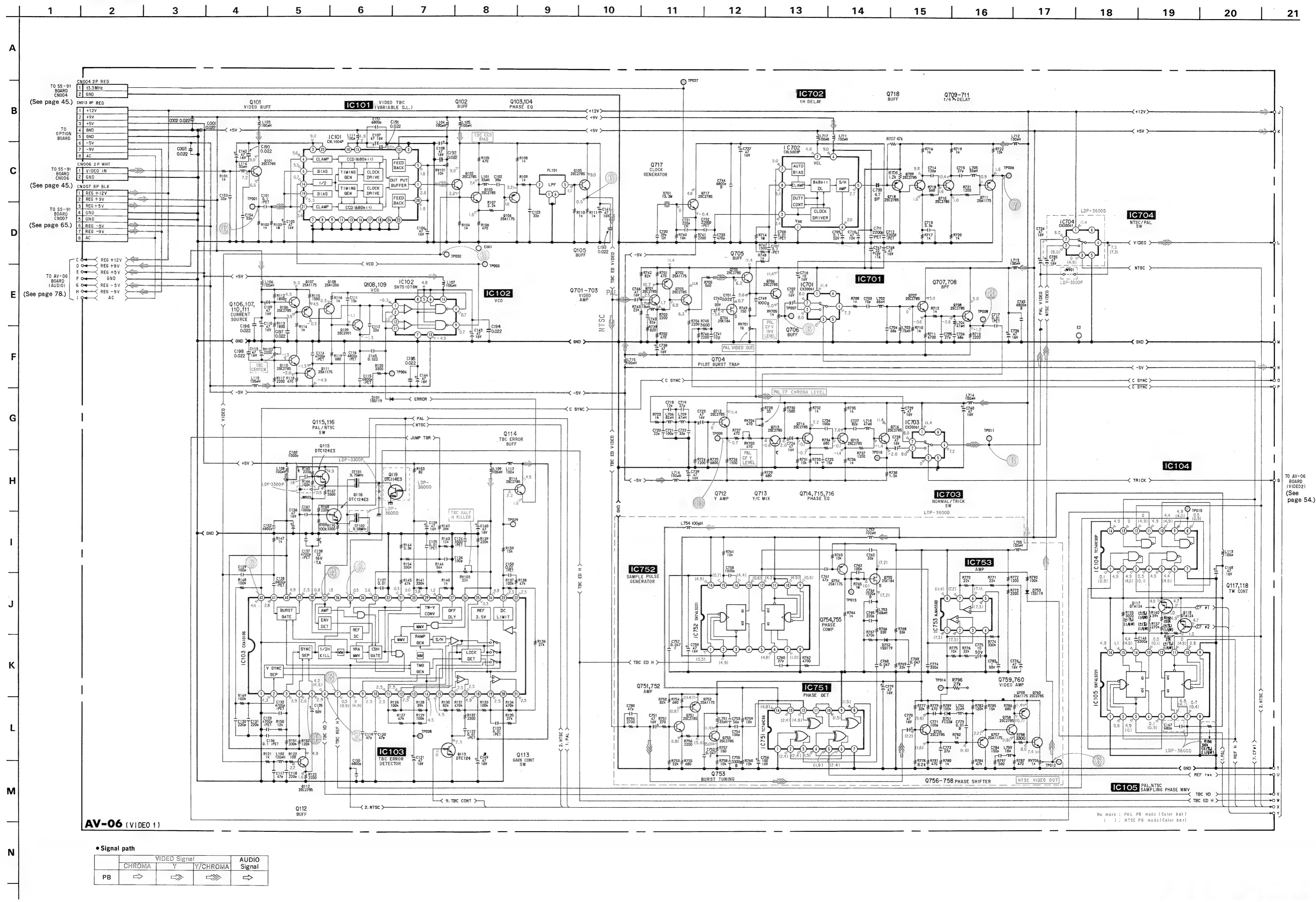
**AV-06 (VIDEO (1) —VIDEO TBC—) PRINTED WIRING BOARD**  
 —Ref. No. AV-06 BOARD : 2,000 series—

**AV-06 BOARD**



**AV-06 (VIDEO (1) —VIDEO TBC—) SCHEMATIC DIAGRAM**

—Ref. No. AV-06 BOARD: 2,000 series—



**AV-06** (VIDEO 1)

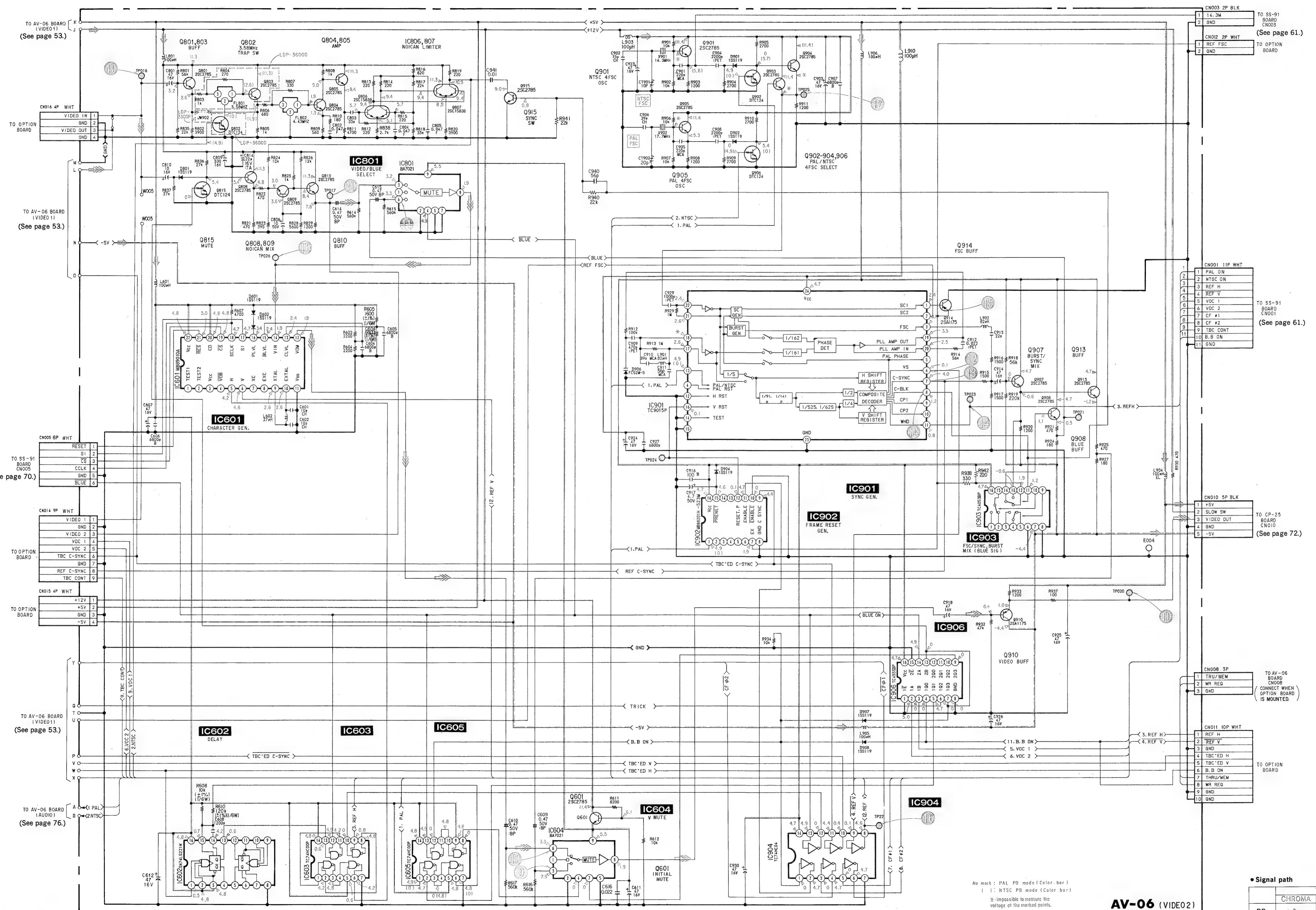
• Signal path				
	VIDEO Signal			AUDIO Signal
	CHROMA	Y	Y/CHROMA	
PB	⇒	⇒	⇒	⇒

**AV-06 (VIDEO (2) —NOICAN, CHARTER MIX, SIGNAL GEN—) SCHEMATIC DIAGRAM**

—Ref. No. AV-06 BOARD : 2,000 series—

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21

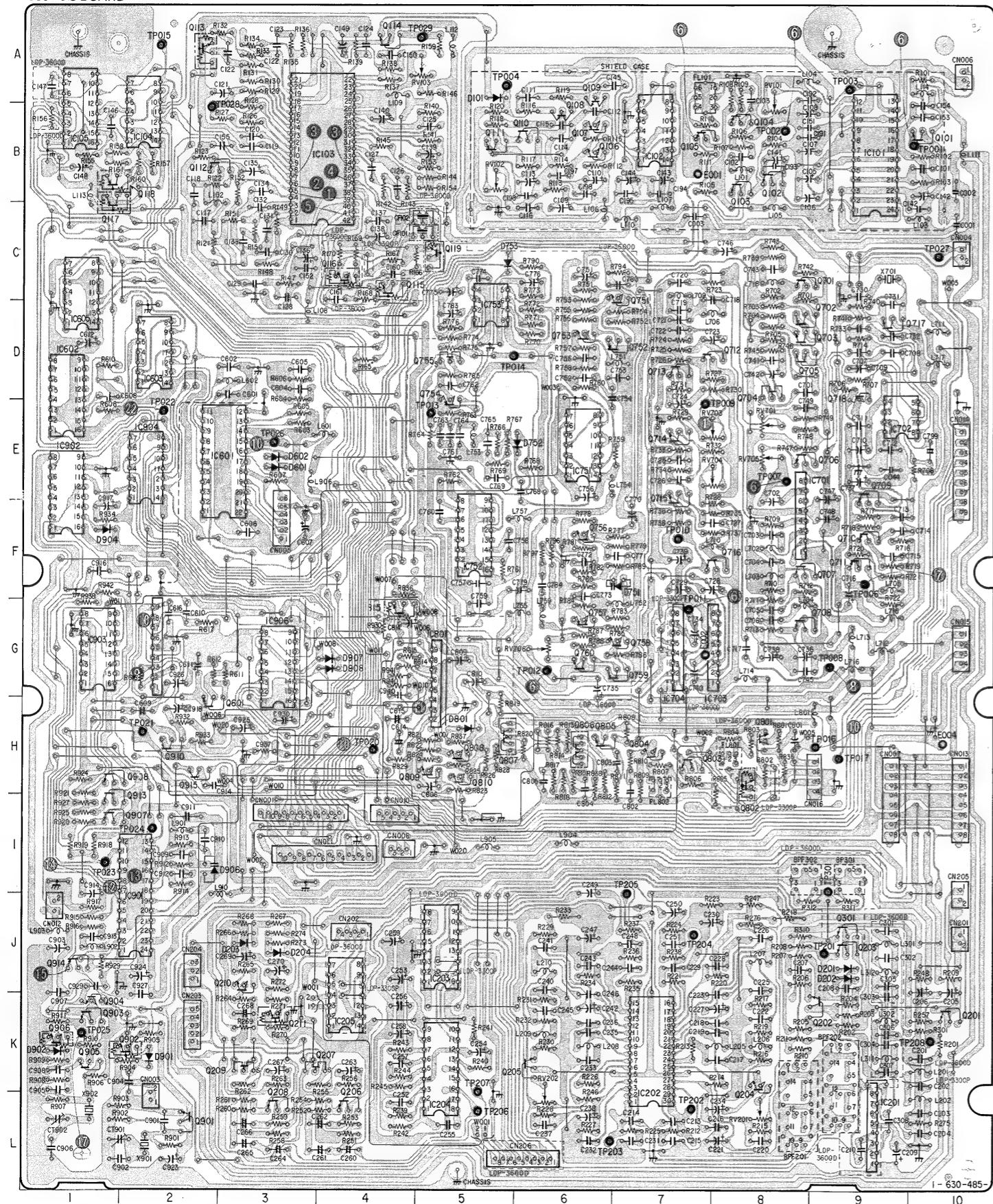
A



## AV-06 (VIDEO (2) —NOICAN, CHARTER MIX, SIGNAL GEN—) PRINTED WIRING BOARD

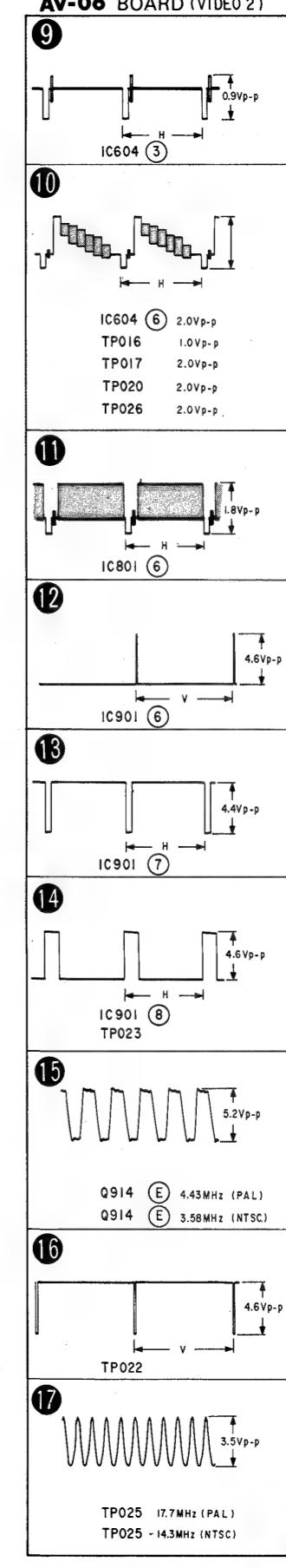
—Ref. No. AV-06 BOARD : 2,000 series—

**AV-06 BOARD**



**AV-06 BOARD (VIDEO 2)**

CN001	I-3	Q203	J-9	TP022	E-2
CN003	K-2	Q204	K-8	TP023	I-1
CN004	C-10	Q205	K-6	TP024	I-2
CN005	F-3	Q206	I-4	TP025	K-1
CN006	A-10	Q207	K-3	TP026	E-3
CN007	H-9	Q208	L-3	TP027	C-10
CN008	I-4	Q209	K-3	TP028	B-2
CN010	I-4	Q210	J-3	TP029	A-5
CN011	I-4	Q211	K-3	TP201	J-9
CN012	J-1	Q301	J-9	TP202	L-7
CN013	H-10	Q601	G-2	TP203	L-6
CN014	E-10	Q701	C-9	TP204	J-7
CN015	G-10	Q702	D-8	TP205	I-7
CN016	H-9	Q703	D-8	TP206	L-5
CN201	J-10	Q704	D-8	TP207	K-5
CN202	J-4	Q705	D-8	TP208	K-10
CN203	K-2	Q706	E-9	TP301	I-9
CN204	J-2	Q707	F-8		
CN205	I-10	Q708	G-8		
CN206	L-6	Q709	E-9		
CT901	L-2	Q710	F-9		
CT902	L-1	Q711	F-9		
D101	A-5	Q712	D-8		
D201	J-9	Q713	D-7		
D202	J-9	Q714	E-7		
D203	J-3	Q715	E-7		
D204	J-3	Q716	F-8		
D601	E-3	Q717	D-9		
D602	E-3	Q718	D-9		
D751	F-7	Q751	C-7		
D752	E-6	Q753	D-6		
D753	C-5	Q754	D-5		
D801	H-5	Q755	D-5		
D901	K-2	Q756	F-6		
D902	K-1	Q757	G-6		
D904	F-1	Q758	G-7		
D906	I-2	Q759	G-7		
D907	G-4	Q760	G-6		
D908	G-4	Q801	H-8		
IC101	B-9	Q802	H-8		
IC102	B-7	Q803	H-7		
IC103	B-4	Q804	H-7		
IC104	B-2	Q805	H-6		
IC105	B-1	Q806	H-6		
IC201	L-9	Q807	H-5		
IC202	K-7	Q808	H-5		
IC203	J-5	Q809	H-5		
IC204	K-5	Q810	H-5		
IC205	K-4	Q815	G-4		
IC601	E-3	Q901	L-2		
IC602	D-1	Q902	K-2		
IC603	D-2	Q903	K-1		
IC604	G-2	Q904	K-1		
IC605	D-1	Q905	K-1		
IC701	E-8	Q906	I-1		
IC702	E-9	Q908	H-2		
IC703	G-8	Q910	H-2		
IC704	G-7	Q913	I-1		
IC751	E-6	Q914	J-1		
IC752	F-5	Q915	H-2		
IC753	D-5	RV101	B-8		
IC801	G-5	RV102	B-5		
IC901	I-2	RV103	A-5		
IC902	E-1	IC201	L-8		
IC903	G-1	IC202	K-6		
IC904	E-2	RV701	E-8		
IC906	G-3	RV703	E-8		
Q101	B-10	RV704	E-8		
Q102	B-8	RV705	E-8		
Q103	B-8	RV706	G-6		
Q104	B-8	TP001	B-10		
Q105	B-7	TP002	B-8		
Q106	B-6	TP003	A-9		
Q107	B-6	TP004	A-5		
Q108	B-6	TP006	F-9		
Q109	A-6	TP007	E-8		
Q110	B-6	TP008	G-9		
Q111	B-5	TP009	D-8		
Q112	B-2	TP010	F-7		
Q113	A-2	TP011	G-7		
Q114	A-4	TP012	G-6		
Q115	C-4	TP013	E-5		
Q116	C-4	TP014	D-5		
Q117	C-1	TP015	A-2		
Q118	B-1	TP016	H-9		
Q119	C-5	TP017	H-9		
Q201	K-10	TP020	H-4		
Q202	K-9	TP021	H-2		

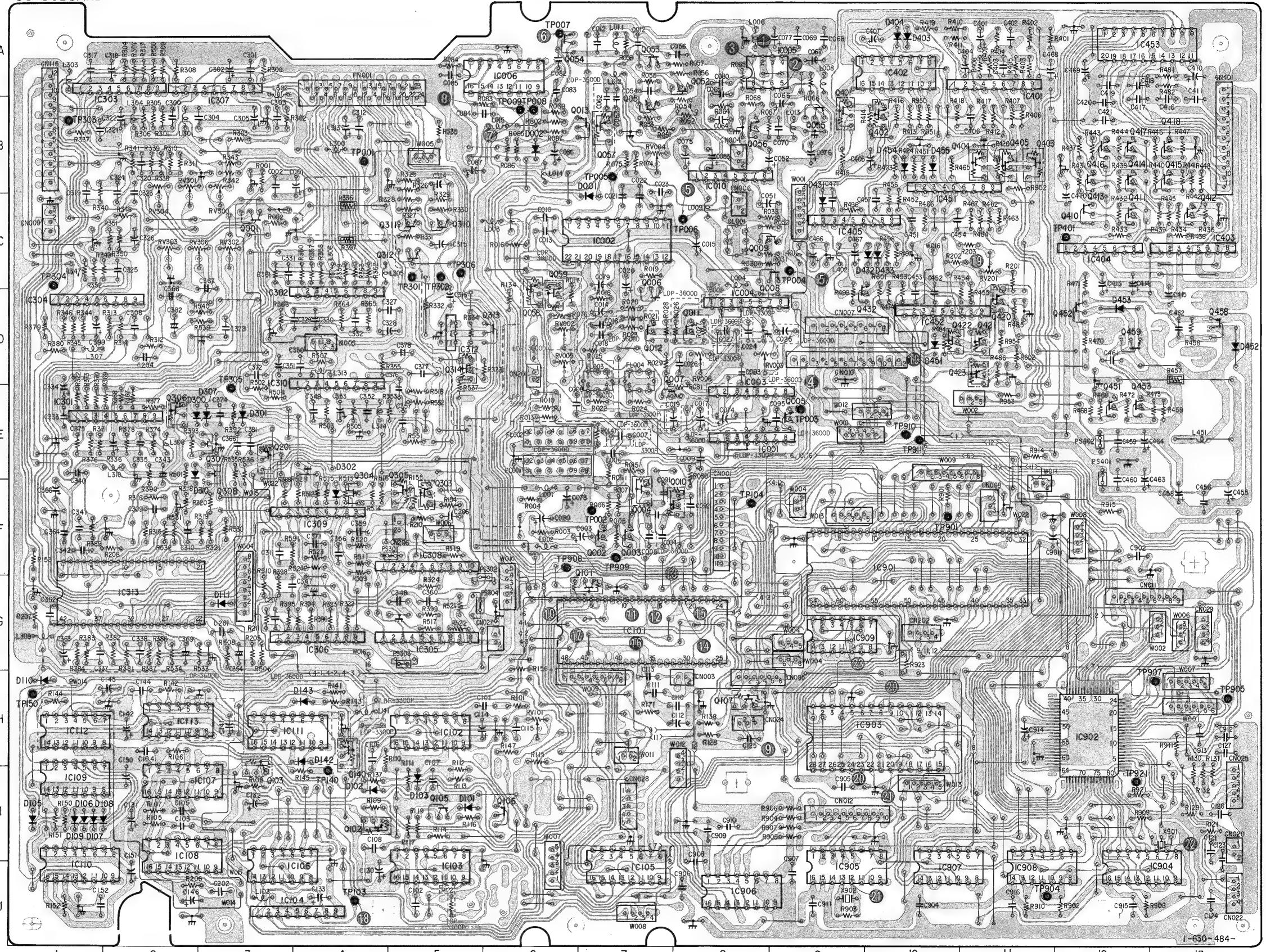


**SS-91 (SERVO (1) —FOCUS/TRACKING/SLIDE/SKEW SERVO—) PRINTED WIRING BOARD**

—Ref. No. SS-91 BOARD : 7,000 series—

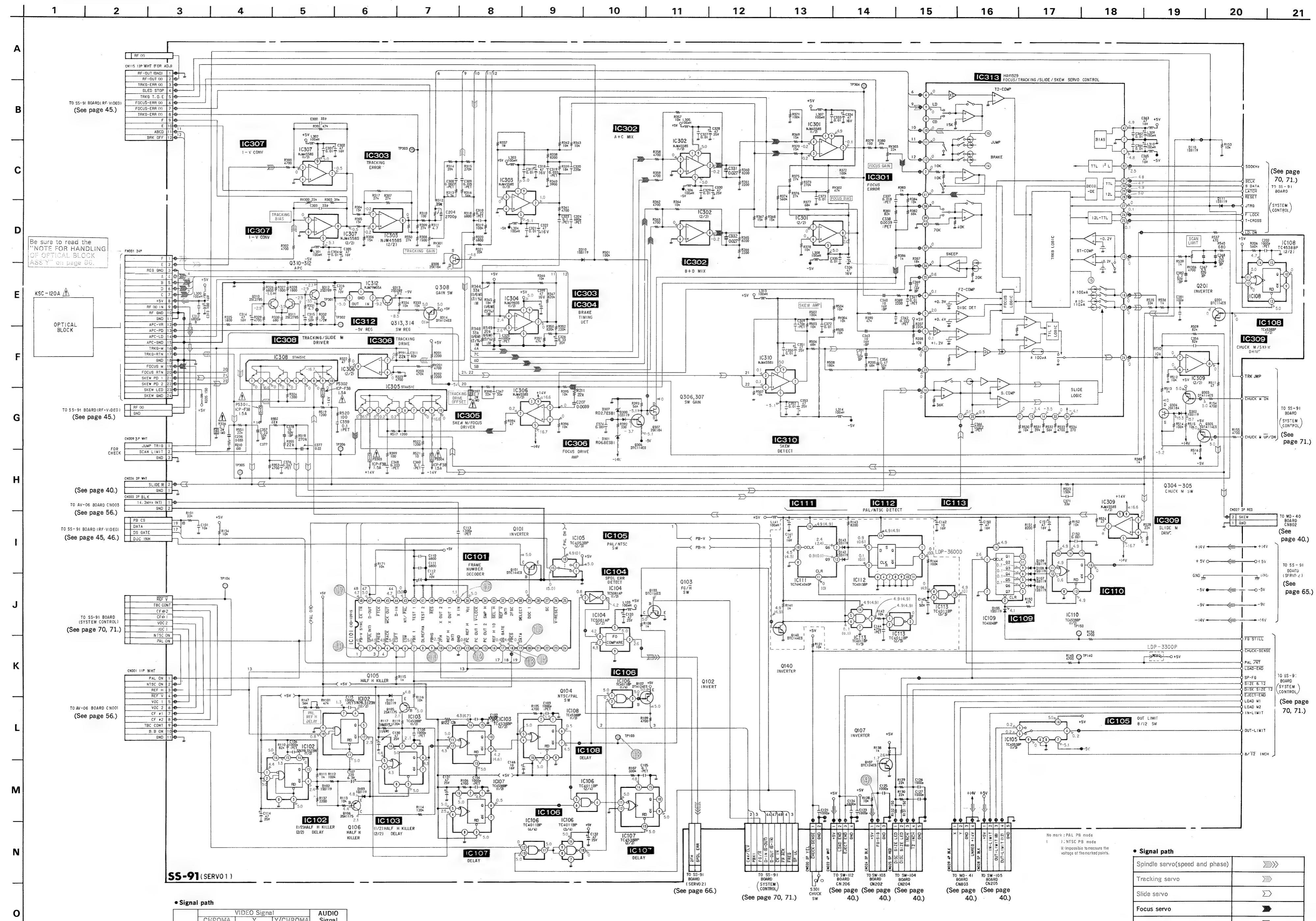
CN001	F-8	IC452	D-10
CN003	H-8	IC453	A-13
CN004	B-8	IC901	F-10
CN005	H-8	IC902	H-12
CN006	C-8	IC903	H-10
CN007	D-9	IC904	J-13
CN008	F-11	IC905	J-9
CN009	C-1	IC906	J-8
CN010	D-9	IC907	J-10
CN011	G-12	IC908	J-11
CN012	I-9	IC909	G-9
CN022	J-13	0001	C-3
CN024	H-8	0002	F-7
CN025	I-13	0003	F-7
CN026	F-5	0004	F-7
CN027	G-6	0005	H-8
CN028	I-7	0006	D-7
CN029	G-13	0007	E-8
CN115	A-1	0008	C-9
CN201	D-6	0009	C-9
CN202	G-10	0010	F-8
CN401	B-13	0011	D-8
D001	C-7	Q012	D-7
D002	B-6	Q013	C-3
D101	I-5	Q014	F-7
D102	I-4	Q015	H-13
D103	I-5	Q016	H-13
D105	I-1	Q017	F-6
D106	I-1	Q018	F-7
D107	I-1	Q019	E-10
D108	I-1	Q020	E-10
D109	I-1	Q021	I-12
D110	H-1	TP901	J-11
D111	G-3	TP904	H-13
D142	H-4	TP905	H-13
D143	H-4	TP907	F-6
D300	E-3	TP908	F-7
D301	E-3	TP909	E-10
D302	F-4	TP910	E-10
D307	E-3	TP911	E-10
D310	E-3	TP921	
D403	A-10		
D404	A-10		
D431	C-9		
D432	C-10		
D452	D-13		
D453	D-12		
D454	B-10		
D455	B-10		
D433	C-10		
D451	D-10		
IC001	E-8	Q314	D-5
IC002	C-7	Q401	B-9
IC003	E-8	Q402	B-10
IC004	D-8	Q403	B-11
IC005	A-9	Q404	B-11
IC006	A-6	Q405	B-11
IC100	B-8	Q410	C-12
IC101	G-7	Q411	C-12
IC102	H-5	Q412	C-13
IC103	J-5	Q413	B-12
IC104	J-3	Q414	B-12
IC105	J-7	Q415	B-13
IC106	J-3	Q416	B-12
IC107	I-2	Q417	B-12
IC108	I-2	Q418	B-13
IC109	I-1	Q420	D-11
IC110	J-1	Q421	D-11
IC111	H-3	Q422	D-11
IC112	H-1	Q423	D-11
IC113	H-2	Q432	D-10
IC301	E-1	Q451	E-12
IC302	D-4	Q452	D-12
IC303	A-2	Q453	E-12
IC304	D-1	Q458	D-13
IC305	G-5	Q459	D-12
IC306	G-4	RV002	D-6
IC307	A-3	RV003	D-8
IC308	F-5	RV004	B-7
IC309	F-4	RV005	D-6
IC310	E-4	RV006	D-8
IC312	D-5	RV101	H-6
IC313	G-2	RV201	C-11
IC401	A-11	RV300	C-3
IC402	A-10	RV301	C-2
IC403	C-13	RV302	C-3
IC404	C-12	RV303	C-2
IC405	C-9	RV304	C-2
IC451	B-10		

**SS-91 BOARD**



**SS-91 (SERVO (1) —FOCUS/TRACKING/SLIDE/SKEW SERVO—) SCHEMATIC DIAGRAM**

—Ref. No. SS-91 BOARD: 7,000 series—



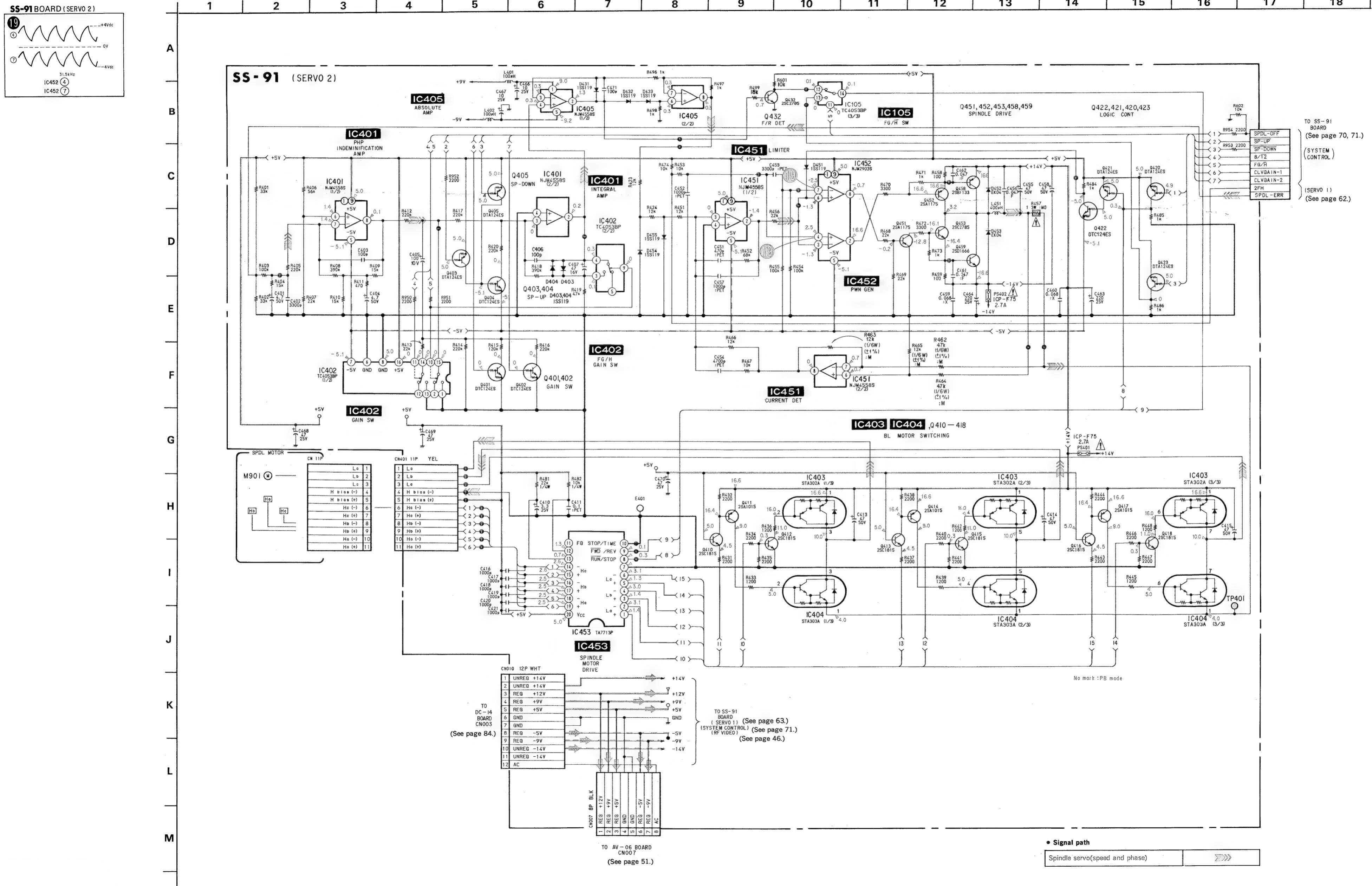
#### ■ Signal

	VIDEO Signal			AUDIO Signal
	CHROMA	Y	Y/CHROMA	
PB	→	→→	→→→	→

- Signal path

**SS-91 (SERVO (2) —SPINDLE SERVO—) SCHEMATIC DIAGRAM**  
—Ref. No. SS-91 BOARD : 7,000 series—

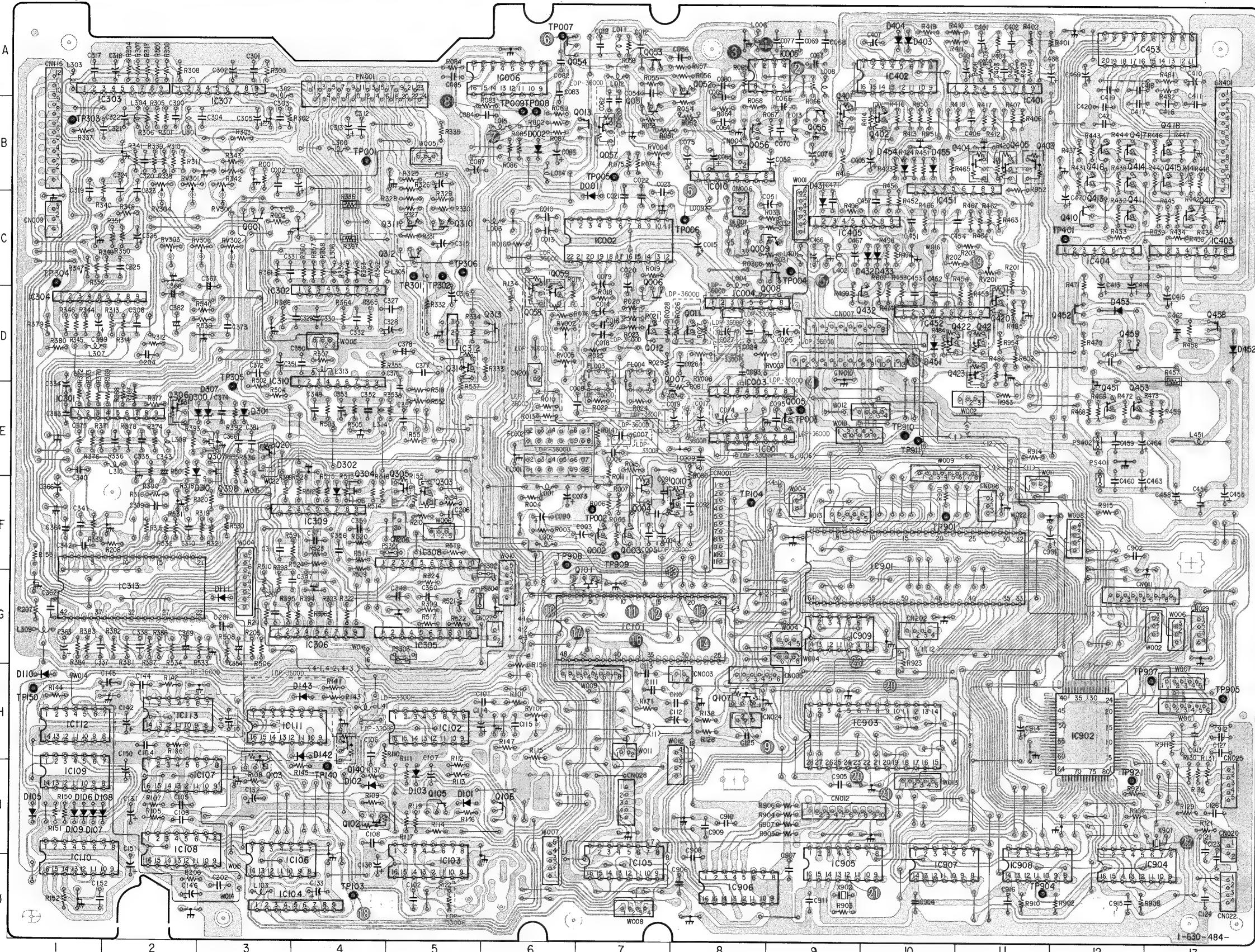
**SS-91 (SERVO (2)) SPINDLE SERVO**  
—Ref. No. SS-91 BOARD: 7000 series—



**SS-91 (SERVO (2) — SPINDLE SERVO—) PRINTED WIRING BOARD**

—Ref. No. SS-91 BOARD : 7,000 series—

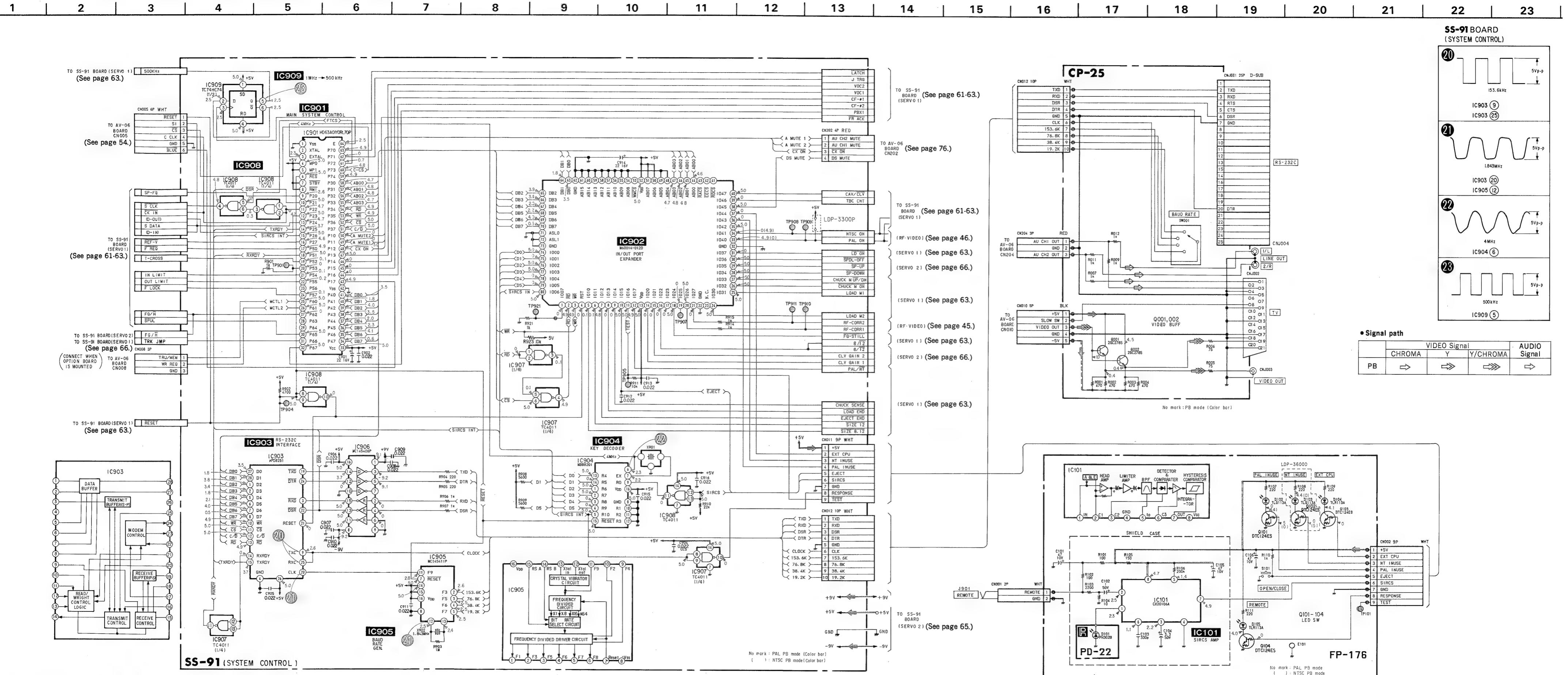
**SS-91 BOARD**





**FP-176 (SIRCS AMP, MODE LED), PD-22 (REMOTE CONTROL RECEIVER), CP-25 (JACK), SS-91 (SYSTEM CONTROL) SCHEMATIC DIAGRAM**

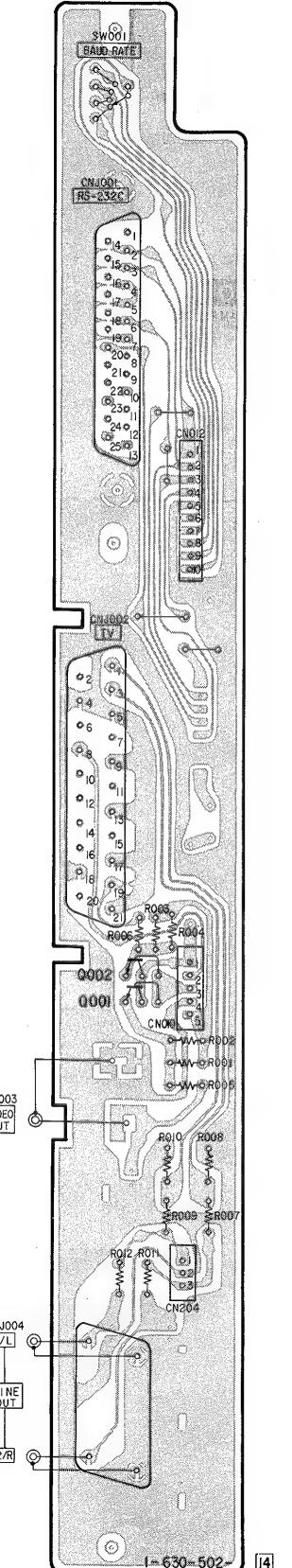
—Ref. No. FP-176 and PD-22 BOARDS : 1,000 series, CP-25 BOARD : 4,000 series, SS-91 BOARD : 7,000 series—



**FP-176 (SIRCS AMP, MODE LED), PD-22 (REMOTE CONTROL RECEIVER), CP-25 (JACK), SS-91 (SYSTEM CONTROL) PRINTED WIRING BOARDS**

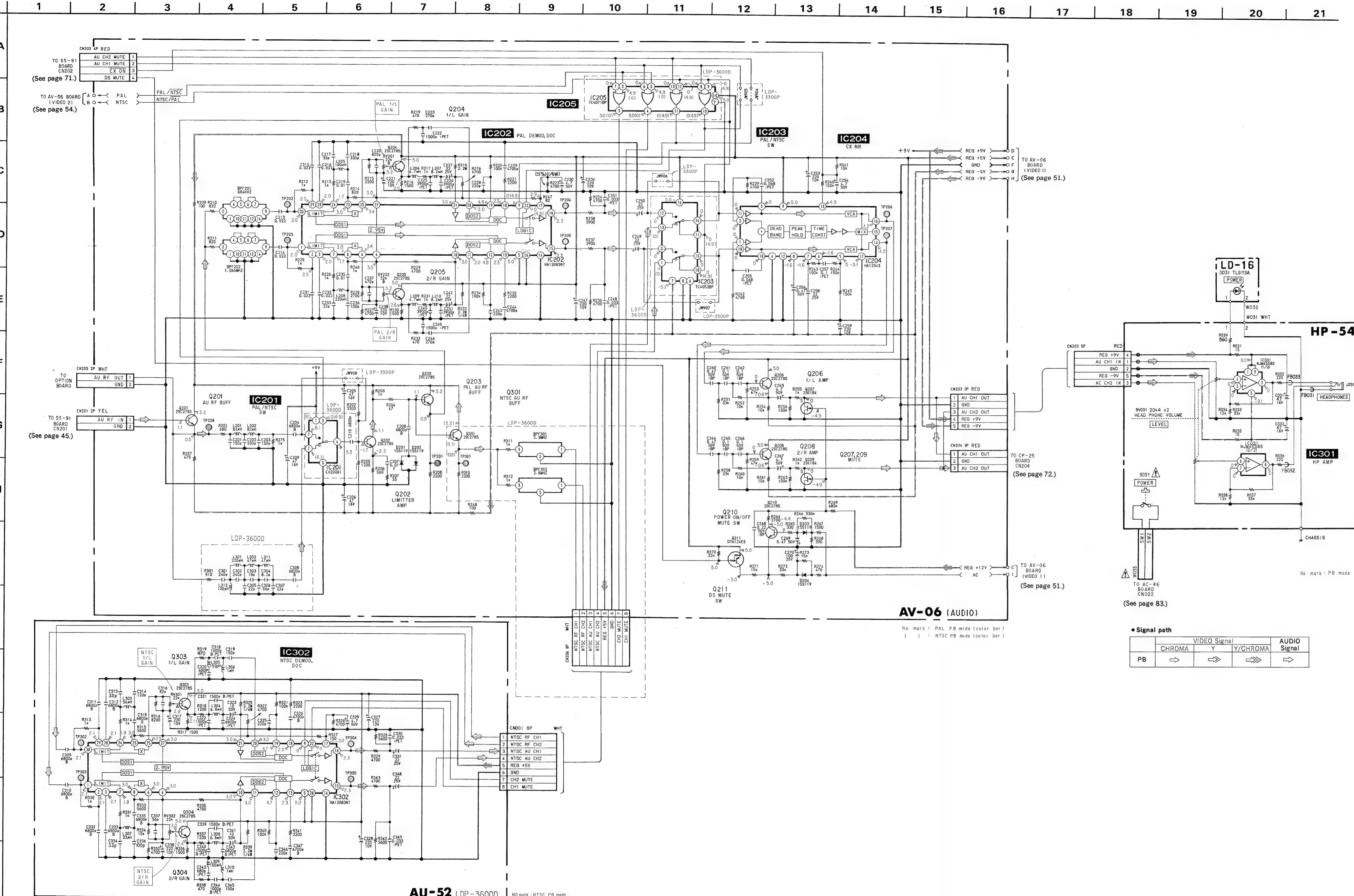
—Ref. No. FP-176 and PD-22 BOARDS : 1,000 series, CP-25 BOARD : 4,000 series, SS-91 BOARD : 7,000 series—

**CP-25 BOARD**



AV-06 (AUDIO—PAL DEMOD/DOC, CX NR—), AU-52 (NTSC DEMOD/DOC), HP-54 (HEADPHONE AMP, POWER SW), LD-16 (POWER LED) SCHEMATIC DIAGRAM  
Ref. No. AV-06 BOARD: 2,000 series AU-52 BOARD: 2,000 series HP-54 and LD-16 BOARDS: 5,000 series

—Ref. No. AV-06 BOARD : 2,000 series, AU-52 BOARD : 3,000 series, HP-54 and LD-16 BOARDS : 5,000 series—

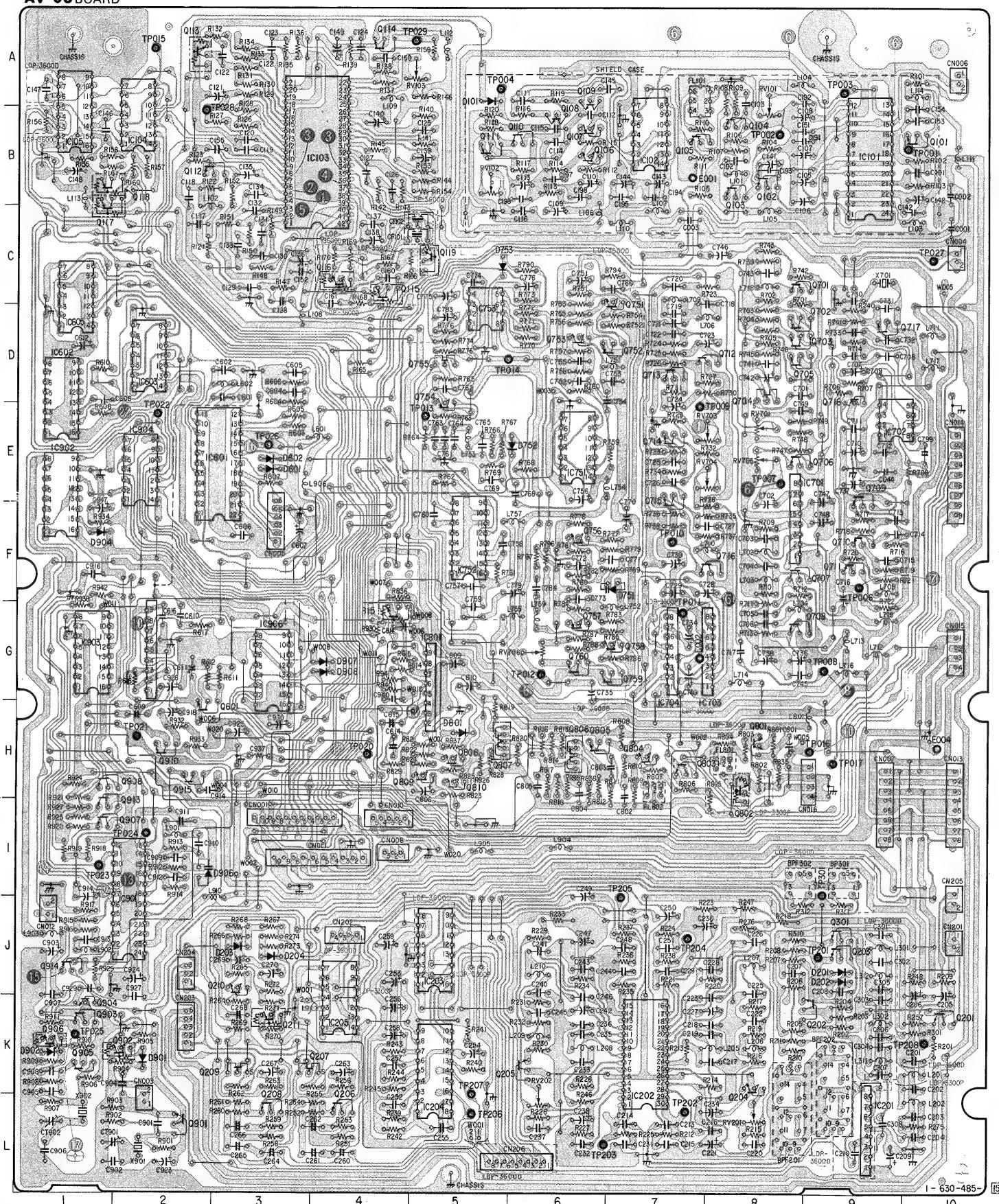


# LDP-3300P/3600D

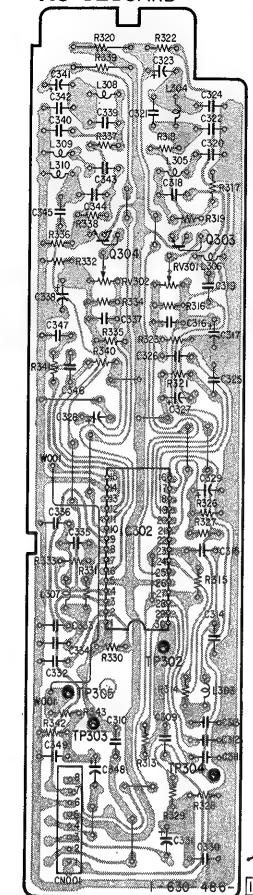
**AV-06 (AUDIO—PAL DEMOD/DOC, CX NR—), AU-52 (NTSC DEMOD/DOC), HP-54 (HEADPHONE AMP, POWER SW), LD-16 (POWER LED) PRINTED WIRING BOARDS**

—Ref. No. AV-06 BOARD : 2,000 series, AU-52 BOARD : 3,000 series, HP-54 and LD-16 BOARDS : 5,000 series—

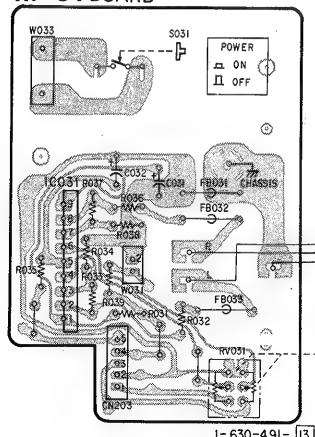
**AV-06 BOARD**



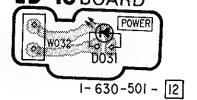
**AU-52 BOARD (LDP-3600D)**



**HP-54 BOARD**



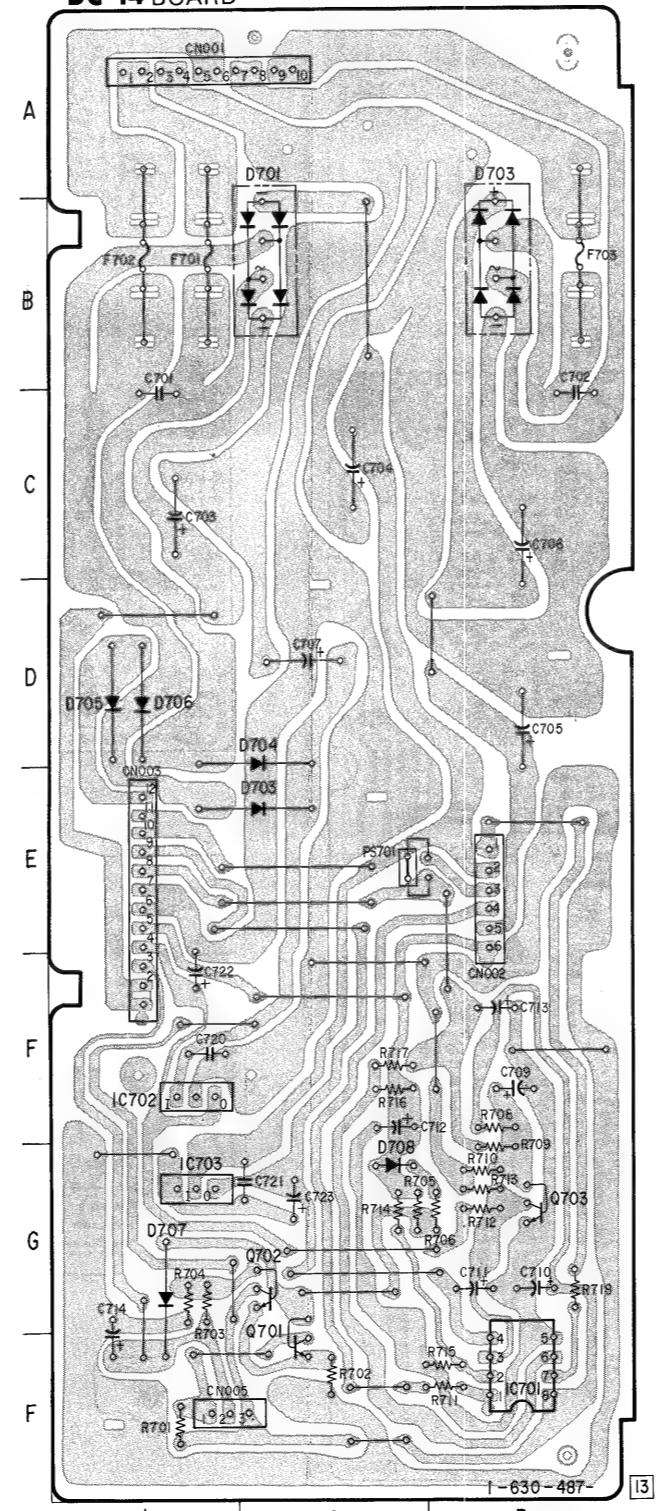
**LD-16 BOARD**



CN001	I-3	Q203	J-9	TP022	E-2
CN003	K-2	Q204	K-8	TP023	I-1
CN004	C-10	Q205	K-6	TP024	I-2
CN005	F-3	Q206	I-4	TP025	K-1
CN006	A-10	Q207	K-3	TP026	E-3
CN007	H-9	Q208	L-3	TP027	C-10
CN008	I-4	Q209	K-3	TP028	B-2
CN010	I-4	Q210	J-3	TP029	A-5
CN012	J-1	Q211	K-3	TP201	J-9
CN013	H-10	Q301	J-9	TP202	L-7
CN014	E-10	Q601	G-2	TP203	L-6
CN015	G-10	Q702	D-8	TP204	J-7
CN016	H-9	Q703	D-8	TP205	I-7
CN201	J-10	Q704	D-8	TP206	L-5
CN202	J-4	Q705	D-8	TP207	K-5
CN203	K-2	Q706	E-9	TP208	K-10
CN204	J-2	Q707	F-8	TP301	I-9
CN205	I-10	Q708	G-8		
CN206	L-6	Q709	E-9		
CT901	L-2	Q710	F-9		
CT902	L-1	Q712	D-8		
D101	A-5	Q713	D-7		
D201	J-9	Q714	E-7		
D202	J-9	Q715	E-7		
D203	J-3	Q716	F-8		
D204	J-3	Q717	D-9		
D601	E-3	Q718	D-9		
D602	E-3	Q751	C-7		
D751	F-7	Q752	D-7		
D752	E-6	Q753	D-6		
D753	C-5	Q754	D-5		
D801	H-5	Q755	D-5		
D901	K-2	Q756	F-6		
D902	K-1	Q757	G-6		
D904	F-1	Q758	G-7		
D906	I-2	Q759	G-7		
D907	G-4	Q760	H-6		
D908	H-8	Q801	H-8		
IC101	B-9	Q802	H-7		
IC102	B-7	Q804	H-7		
IC103	B-4	Q805	H-6		
IC104	B-2	Q806	H-6		
IC105	B-1	Q807	H-5		
IC201	L-9	Q808	H-5		
IC202	K-7	Q810	H-5		
IC203	J-5	Q815	G-4		
IC204	K-5	Q901	L-2		
IC205	K-4	Q902	K-2		
IC601	E-3	Q903	K-1		
IC602	D-1	Q904	K-1		
IC603	D-2	Q905	K-1		
IC604	G-2	Q906	K-1		
IC605	D-1	Q907	I-1		
IC701	E-8	Q908	H-2		
IC702	E-9	Q910	H-2		
IC703	G-8	Q913	I-1		
IC704	G-7	Q914	J-1		
IC751	F-6	Q915	H-2		
IC752	F-5				
IC753	D-5				
IC801	G-5				
IC901	I-2				
IC902	E-1				
IC903	G-1				
IC904	E-2				
IC906	G-3				
Q101	B-10				
Q102	B-8				
Q103	B-8				
Q104	B-8				
Q105	B-7				
Q106	B-6				
Q107	B-6				
Q108	B-6				
Q109	A-6				
Q110	B-6				
Q111	B-5				
Q112	B-2				
Q113	A-2				
Q114	A-4				
Q115	C-4				
Q116	C-4				
Q117	C-1				
Q118	B-1				
Q119	C-5				
Q201	K-10				
Q202	K-9				
TP001	B-10				
TP002	B-8				
TP003	A-9				
TP004	A-5				
TP006	F-9				
TP007	E-8				
TP008	G-9				
TP009	D-8				
TP010	F-7				
TP011	G-7				
TP012	G-6				
TP013	E-5				
TP014	D-5				
TP015	A-2				
TP016	H-9				
TP017	H-9				
TP020	H-4				
TP021	H-2				

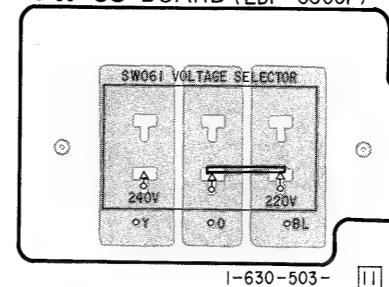
**AC-46 (AC IN, LFT), DC-14, DC-15, DC-19 AND DC-20 (RECT, REG), PW-63 (POWER TRANSFORMER), PW-64 AND PW-68 (VOLTAGE SELECTOR) PRINTED WIRING BOARDS**  
 —Ref. No. AC-46, DC-14, DC-15, DC-19 and DC-20 BOARDS : 1,000 series, PW-63, PW-64 and PW-68 BOARDS : 6,000 series—

**DC-14 BOARD**

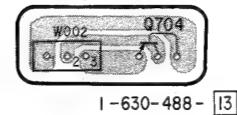


POWER POWER

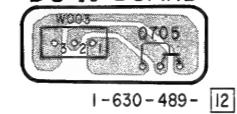
**PW-68 BOARD (LDP-3300P)**



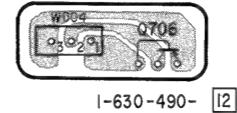
**DC-15 BOARD**



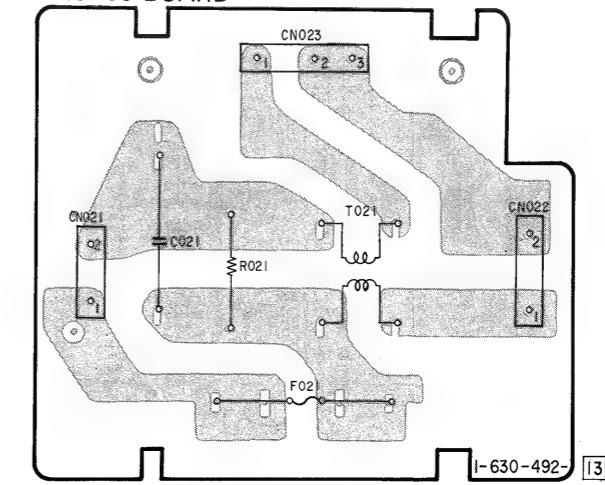
**DC-19 BOARD**



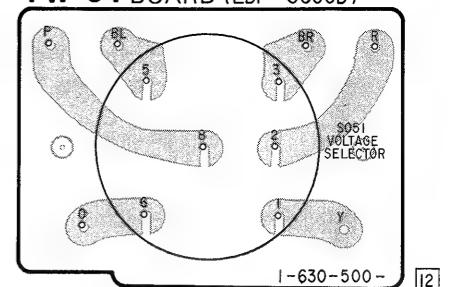
**DC-20 BOARD**



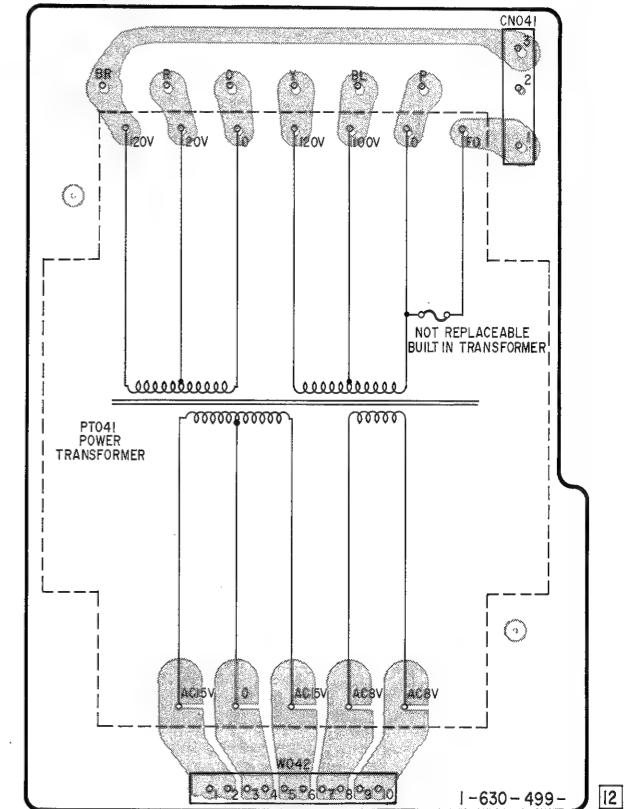
**AC-46 BOARD**



**PW-64 BOARD (LDP-3600D)**

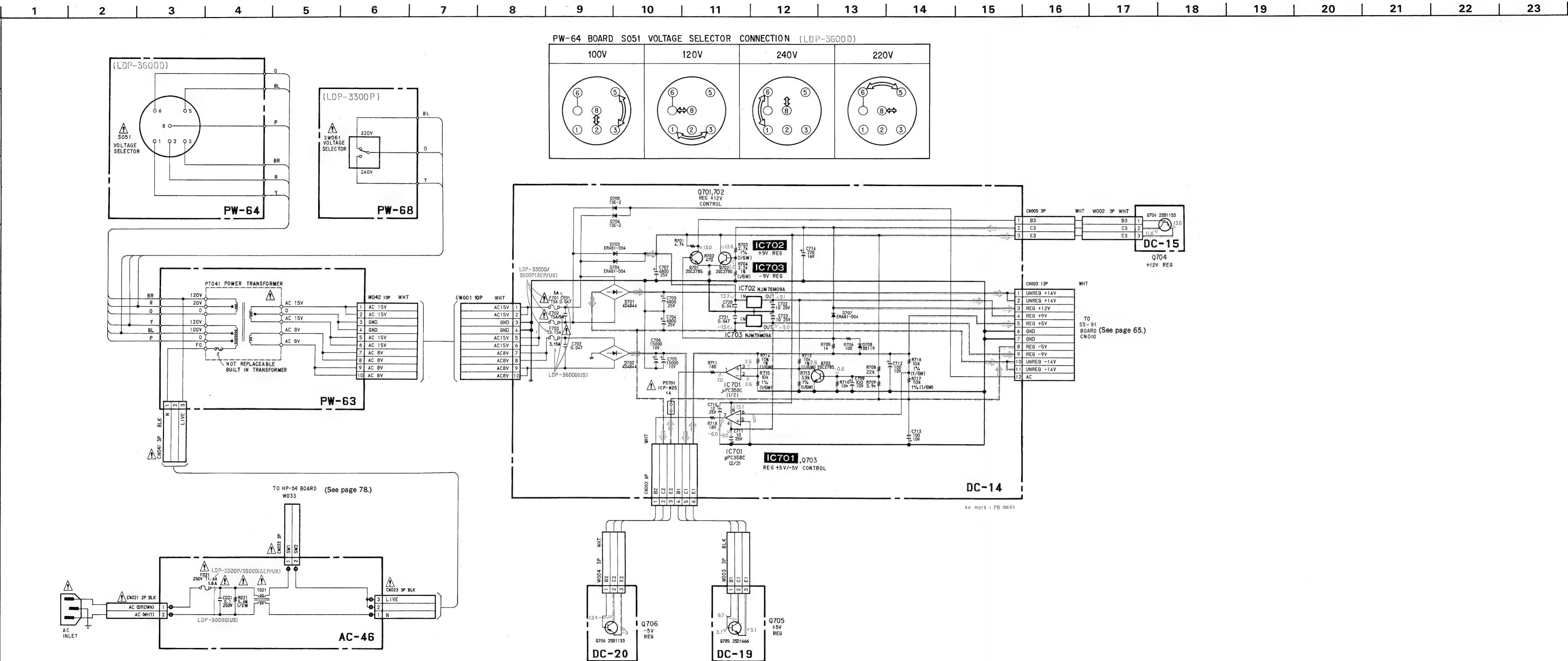


**PW-63 BOARD**



**AC-46 (AC IN, LFT), DC-14, DC-15, DC-19 AND DC-20 (RECT, REG), PW-63 (POWER TRANSFORMER), PW-64 AND PW-68 (VOLTAGE SELECTOR) SCHEMATIC DIAGRAM**

—Ref. No. AC-46, DC-14, DC-15, DC-19 and DC-20 BOARDS : 1,000 series, PW-63, PW-64 and PW-68 BOARDS : 6,000 series—



## NOTE FOR HANDLING OF OPTICAL BLOCK ASS'Y

- Sometimes electrostatic breakdown of the laser diode in the optical block ass'y is caused by potential difference between the electrostatic charge of the block and the one of clothes or a human body.  
Be careful to the following notes for preventing the diode from the breakdown.

Also, these notes are enclosed in repair part package.

### 1. Grounding for the human body

Be sure to put on a wrist-strap for grounding (with impedance lower than  $10^8 \Omega$ ) whose other end is grounded. The strap works to drain away the static electricity build-up on the human body.

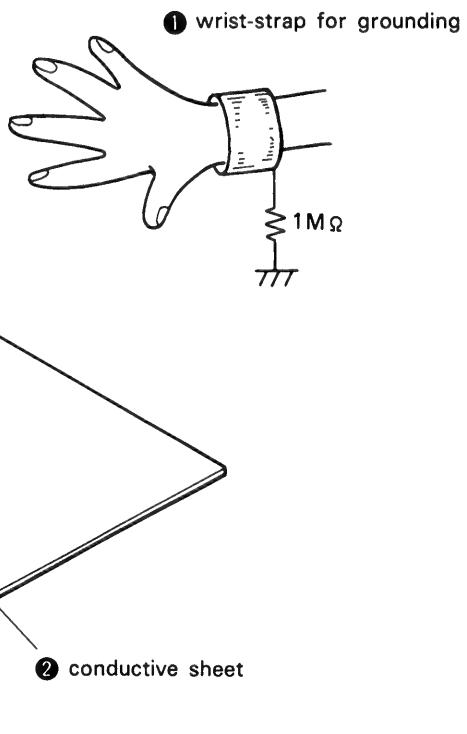
### 2. Grounding for the work table

Be sure to lay on the table a conductive sheet (with impedance lower than  $10^9 \Omega$ ) such as a sheet of copper, which is grounded.

### 3. As static electricity build-up on clothes is not drained away, be careful not to let your clothes touch the unit.

The following manners are recommended as reference.

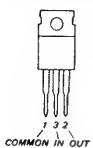
1. Cover a work table with a conductive sheet (black sheet used for the part package).
2. Place a set on the sheet so that the chassis of the set contacts the sheet (for making the potential of the set equal to the one of the sheet).
3. Put hands on the conductive sheet (for making the potential of a human body equal to the one of the sheet).
4. Take out the optical block ass'y from its bag.
5. Work should be done on the conductive sheet with care that clothes do not touch the optical block ass'y.



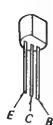
- Be careful not to put dust or fingerprints on the object lens and skew lens while handling.

## 4-2. SEMICONDUCTORS

**NJM78M09A  
NJM79M09A**



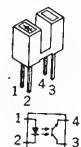
**2SA1015-GR  
2SC1815-GR**



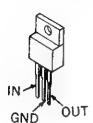
**2SK184-GR**



**GP1S54**



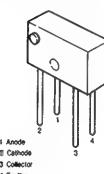
**NJM79M05A**



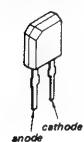
**2SA1206-K1  
2SC2901-K**



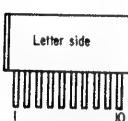
**EE-SF5-B**



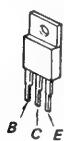
**PH302D**



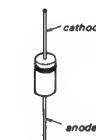
**STA-451C**



**2SB1133-S  
2SD1666-R**



**EK04  
ERA81-005  
10E-2**



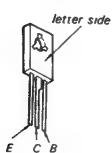
**PY5504S-1**



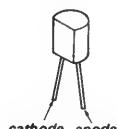
**DTA114ES  
DTA124ES  
DTC114ES  
DTC124ES  
DTC144ES**



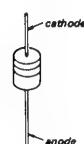
**2SC1583-G**



**FC52M-5**



**RD2.7ESB1  
RD6.8ESB1  
1SS119**



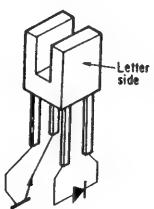
**2SA1175-HFE  
2SC2785-HFE**



**2SD789-4Z**



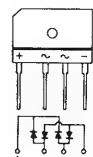
**GP1S17**



**TLR113A**



**4D4B44**



## SECTION 5 EXPLODED VIEWS

### NOTE:

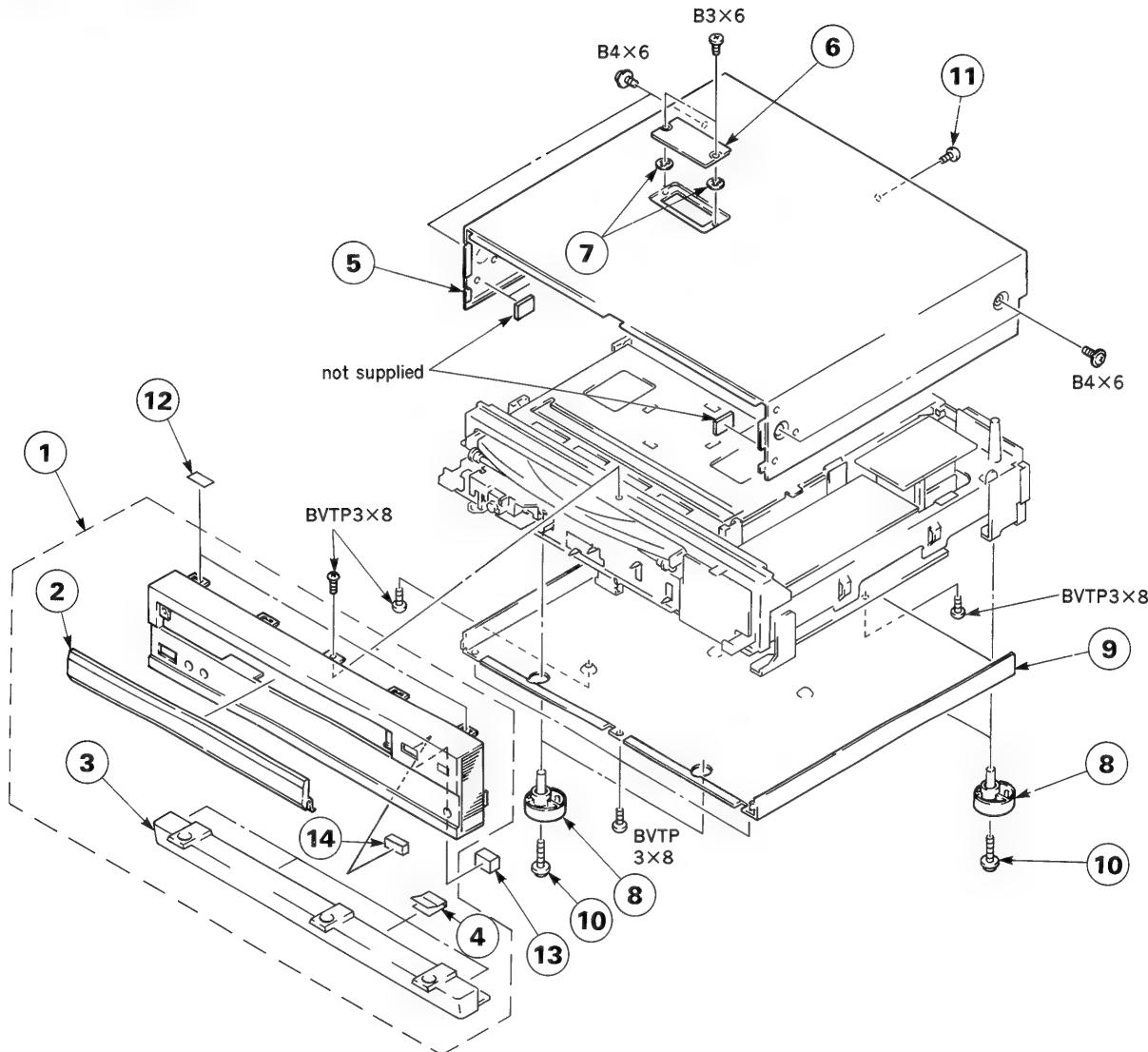
- The mechanical parts with no reference number in the exploded views are not supplied.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked “★” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- Due to standardization, parts with part number suffix -XX and -X may be different from the parts specified in the components used on the set.
- Color Indication of Appearance Parts Example:

(RED) ... KNOB, BALANCE (WHITE)  
 ↑   ↑  
 Cabinet's Color                          Parts' Color

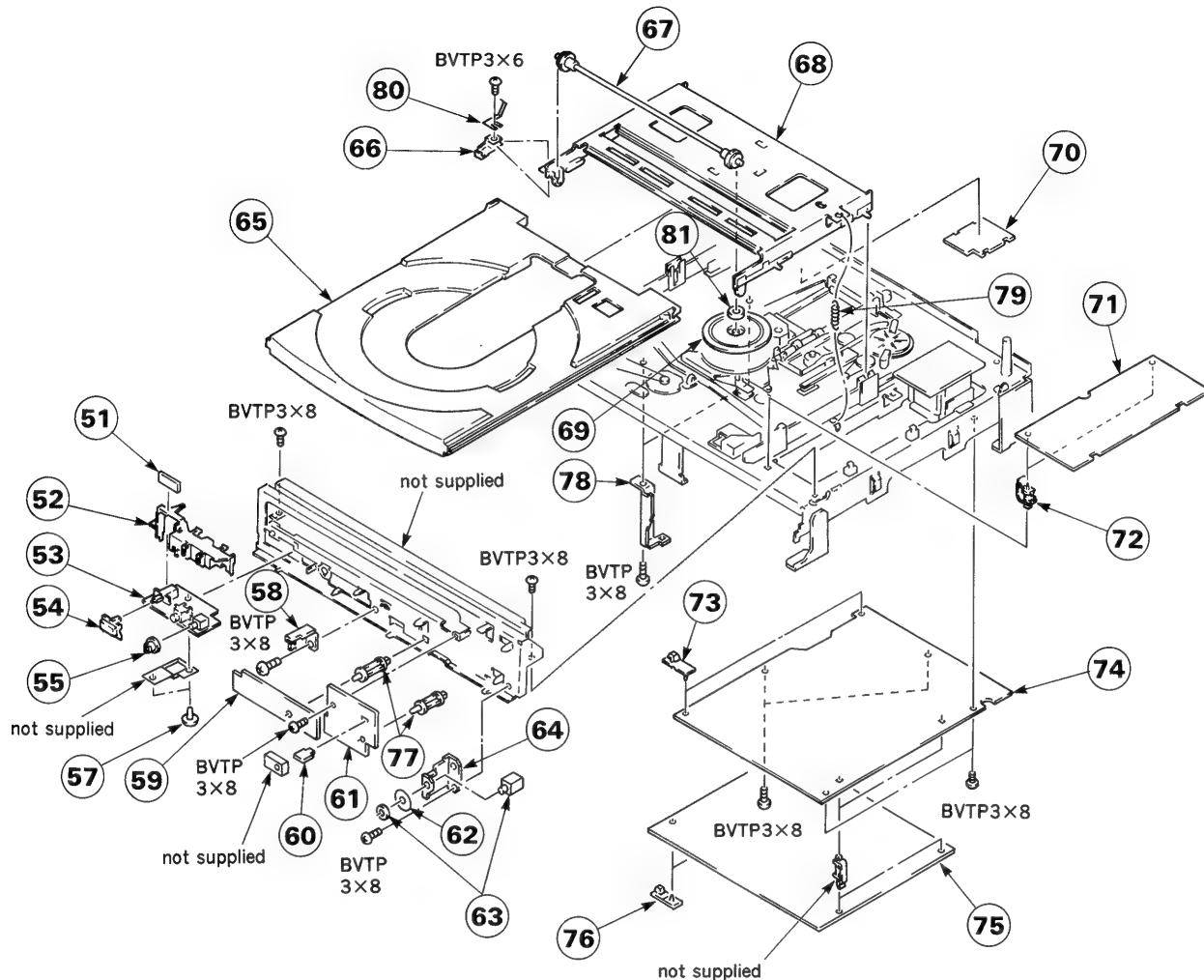
The components identified by mark  or dotted line with mark  are critical for safety.  
 Replace only with part number specified.

### 5-1. CABINET ASSEMBLY



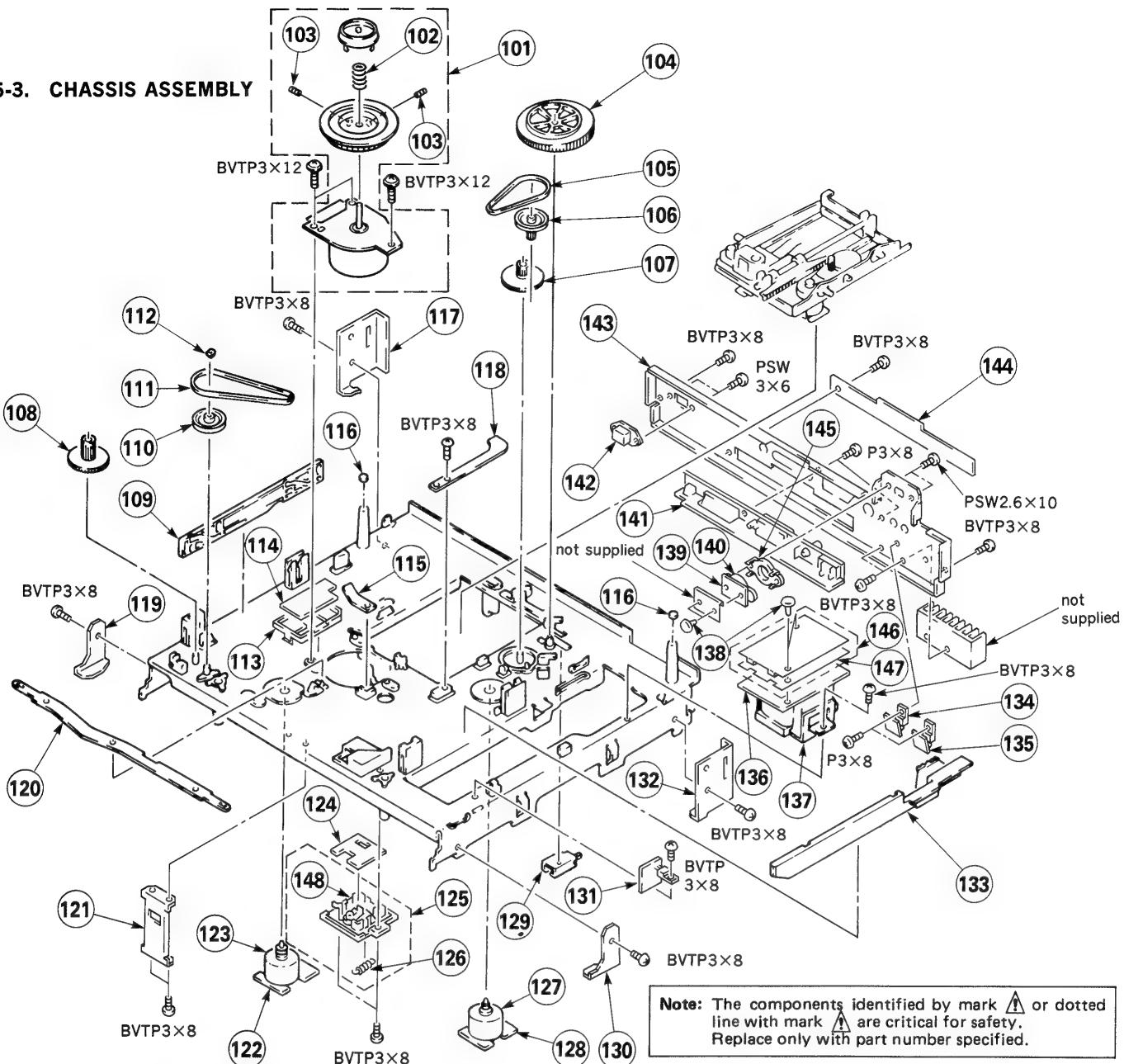
No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
1	A-6408-146-A	PANEL (D) ASSY, FRONT(LDP-3600D)	2-4, 14	8	3-728-429-01	FOOT	
	A-6408-148-F	PANEL (P) ASSY, FRONT(LDP-3300P)	2-4, 14	9	X-3688-270-1	PLATE ASSY, BOTTOM	
2	X-3688-272-1	DOOR ASSY, FRONT		10	3-566-590-00	SCREW, + PTP WH	
3	*3-728-439-01	PANEL, UNDER		11	3-703-685-21	SCREW (+BV 3X8)	
4	*3-728-420-01	HOLDER, PANEL		12	*9-911-840-XX	CUSHION	
5	3-698-679-11	CASE, UPPER		13	*4-911-608-01	CUSHION, RUBBER	
6	3-694-986-02	COVER, WINDOW		14	3-715-924-31	BUTTON, EJECT	
7	3-669-596-00	WASHER (2.3), STOPPER					

## **5-2. TRAY ASSEMBLY**



No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
51	*1-630-501-11	LD-16 BOARD		69	*3-698-661-01	CHUCK	
52	3-715-933-01	HOLDER, HP		70	*1-630-492-11	AC-46 BOARD	
53	*1-630-491-11	HP-54 BOARD		71	*A-6421-312-A	DC-14 BOARD, COMPLETE (LDP-3300P/3600D: AEP/UK)	
54	3-713-338-41	BUTTON, POWER			*A-6421-433-A	DC-14 BOARD, COMPLETE (LDP-3600D: US)	
55	3-713-333-21	KNOB, HP					
57	3-531-576-11	RIVET		72	*3-682-047-01	HOLDER (A), PC BOARD	
58	*3-728-428-01	HOLDER, AU PC BOARD		73	*3-701-832-00	HINGE, CIRCUIT BOARD	
59	*A-6421-317-A	AU-52 BOARD, COMPLETE (LDP-3600D)		74	*A-6421-314-A	SS-91 BOARD, COMPLETE (LDP-3600D: AEP/UK)	
60	*1-630-498-11	PD-22 BOARD			*A-6421-324-A	SS-91 BOARD, COMPLETE (LDP-3300P)	
61	*1-630-493-11	FP-176 BOARD			*A-6421-434-A	SS-91 BOARD, COMPLETE (LDP-3600D: US)	
62	*3-667-512-11	SPACER, REMOTE JACK		75	*A-6421-315-A	AV-06 BOARD, COMPLETE (LDP-3600D: AEP/UK)	
63	1-507-195-21	SPECIAL, REMOTE CONTROL JACK (J901)			*A-6421-320-A	AV-06 BOARD, COMPLETE (LDP-3300P)	
64	*3-728-427-01	HOLDER, REMOTE CONTROL			*A-6421-435-A	AV-06 BOARD, COMPLETE (LDP-3600D: US)	
65	X-3688-273-1	TRAY ASSY		76	*3-710-565-01	HINGE, PC BOARD	
66	*3-715-927-02	ARM, DOOR SWITCHING		77	*3-680-767-00	SUPPORT, PC	
67	X-3713-202-1	GEAR ASSY, PHASE		78	*3-728-421-01	STAY, PC BOARD	
68	*3-713-256-11	ARM (OUTSERT), CHUCK		79	3-698-694-01	SPRING, TENSION	
				80	3-715-905-01	SPRING	
				81	3-698-693-01	BEARING (1480ZZ), BALL	

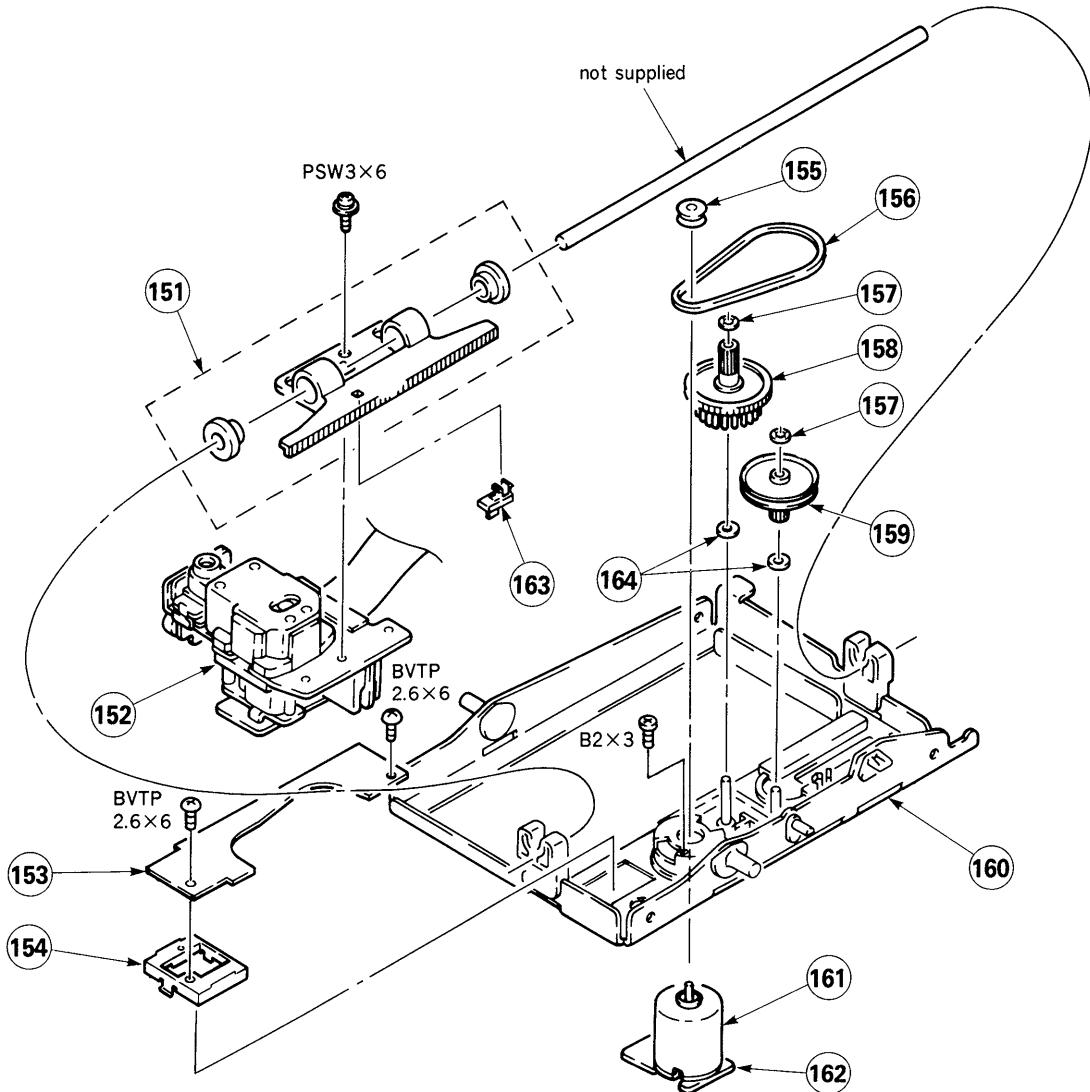
## **5-3. CHASSIS ASSEMBLY**



**Note:** The components identified by mark  or dotted line with mark  are critical for safety.  
Replace only with part number specified.

No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
101	A-6491-037-A	MOTOR ASSY, SPINDLE (M901)	102, 103	128	*1-620-236-11	MD-40 BOARD	
102	3-713-295-01	SPRING, COMPRESSION		129	1-570-810-11	SWITCH, PUSH (1 KEY) (CHUCK) (S301)	
103	3-715-914-01	SCREW (WP) (M2.6X6)		130	*3-728-425-01	HOLDER (FR), SIDE	
104	3-713-286-11	CAM, DRIVING		131	*1-630-488-11	DC-15 BOARD	
105	3-307-366-00	BELT, FAST FORWARD		132	*3-728-423-01	HOLDER (RR), SIDE	
106	3-713-317-01	PULLEY		133	3-713-281-01	RACK (RIGHT)	
107	3-713-287-11	GEAR (C)		134	*1-630-489-11	DC-19 BOARD	
108	3-713-290-01	GEAR (A), DRIVING		135	*1-630-490-11	DC-20 BOARD	
109	3-713-280-03	RACK (LEFT)		136	*1-630-499-11	PW-63 BOARD	
110	3-713-289-01	PULLEY (A)		137	▲.1-449-667-11	TRANSFORMER, POWER (PT041)	
111	3-657-035-XX	BELT, RM		138	3-531-576-11	RIVET	
112	4-910-418-01	BUSHING (DIA. 4)		139	*1-630-500-11	PW-64 BOARD (LDP-3600D)	
113	*3-728-446-01	HOLDER, SW PC BOARD			*1-630-503-11	PW-68 BOARD (LDP-3300P)	
114	*1-630-495-11	SW-104 BOARD		140	▲.1-554-933-11	SELECTOR, VOLTAGE (S051) (LDP-3600D)	
115	*1-630-494-11	SW-103 BOARD			▲.1-570-173-11	SWITCH, VOLTAGE CHANGE (SW061) (LDP-3300P)	
116	3-713-326-01	STOPPER		141	*1-630-502-11	CP-25 BOARD	
117	*3-728-424-01	HOLDER (RL), SIDE		142	▲.1-560-222-11	INLET 3P	
118	3-713-327-01	SPRING		143	*3-728-440-01	PANEL, REAR (LDP-3600D: AEP/UK)	
119	*3-728-426-01	HOLDER (FL), SIDE			*3-728-440-04	PANEL, REAR (LDP-3600D: US)	
120	3-713-282-01	PLATE, PHASE			*3-728-440-14	PANEL, REAR (LDP-3300P)	
121	*3-728-422-01	HOLDER, CENTER		144	*3-728-418-01	MASK, REAR	
122	*1-620-237-11	MD-41 BOARD		145	*3-728-417-01	HOLDER (LDP-3600D)	
123	X-3713-208-1	MOTOR ASSY, LD (LOADING) (M903)		146	*X-3688-275-1	SHEET ASSY, INSULATING	147
124	*1-630-497-11	SW-112 BOARD		147	*X-3688-275-1	SHEET (A), INSULATING	
125	X-3688-274-4	SWITCH SUB ASSY, O/C	126, 148	148	3-728-433-01	SHUTTER, SWITCH, O/C (LDP-3300P/3600D: AEP/UK)	
126	3-578-393-00	SPRING, TENSION					
127	X-3713-206-1	MOTOR BLOCK ASSY, SKEW (M902)			3-728-433-03	SHUTTER, SWITCH, O/C (LDP-3600D: US)	

#### 5-4. SKEW BASE ASSEMBLY



**Note:** The components identified by mark or dotted line with mark are critical for safety. Replace only with part number specified.

No.	Part No.	Description	Remark	No.	Part No.	Description	Remark
151	*X-3688-271-4	RACK ASSY		158	3-698-662-01	GEAR, PINION	
152	△.8-848-069-01	DEVICE, OPTICS KSC-120A		159	3-698-663-01	PULLEY, FEED	
153	*1-630-496-11	SW-105 BOARD		160	*X-3688-276-1	BASE ASSY, SKEW	
154	3-698-672-03	TABEL, SWITCH		161	1-541-505-11	MOTOR, SLIDE (NBS2B01) (M904)	
155	3-698-667-01	PULLEY, MOTOR		162	*1-620-235-11	MD-39 BOARD	
156	3-480-136-00	BELT		163	3-728-419-01	SHUTTER	
157	3-669-465-00	WASHER (1.5), STOPPER		164	3-701-437-01	WASHER	

# SECTION 6

## ELECTRICAL PARTS LIST

**CP-25****HP-54****LD-16****AU-52****NOTE:**

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "\*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

**CAPACITORS:**  
MF:  $\mu$ F, PF:  $\mu\mu$ F.

**RESISTORS**

- All resistors are in ohms.
- F: nonflammable

**COILS**

- MMH: mH, UH:  $\mu$ H

**SEMICONDUCTORS**

In each case, U:  $\mu$ , for example:  
UA...:  $\mu$ A..., UPA...:  $\mu$ PA...,  
UPC...:  $\mu$ PC, UPD...:  $\mu$ PD...

The components identified by mark or dotted line with mark are critical for safety. Replace only with part number specified.

When indicating parts by reference number, please include the board name.

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
	*1-630-502-11	CP-25 BOARD (Ref.No 4,000 Series)	*****			<u>FERRITE BEAD</u>	
	3-728-431-01	PANEL, CONNECTOR		FB031	1-543-236-11	BEAD, FERRITE	
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3		FB032	1-543-236-11	BEAD, FERRITE	
				FB033	1-543-236-11	BEAD, FERRITE	
		<u>CONNECTOR</u>				<u>IC</u>	
CN010	1-506-470-11	PIN, CONNECTOR 5P		IC031	8-759-981-95	IC RC4558S	
CN012	1-506-475-11	PIN, CONNECTOR 10P				<u>JACK</u>	
CN204	1-506-468-11	PIN, CONNECTOR 3P		J031	1-507-796-71	JACK (HEADPHONE)	
		<u>JACK</u>				<u>RESISTOR</u>	
CNJ001	1-563-161-11	CONNECTOR, D-SUB(MOUNT TYPE)25P(RS-232C)		R031	1-249-395-11	CARBON	15 5% 1/4W
CNJ002	1-561-534-00	SOCKET 21P (TV)		R032	1-249-409-11	CARBON	220 5% 1/4W
CNJ003	1-562-635-11	RECEPTACLE, BNC (VIDEO OUT)		R033	1-249-435-11	CARBON	33K 5% 1/4W
CNJ004*	1-562-999-21	JACK, PIN 2P (LINE OUT 1/L.2/R)		R034	1-249-430-11	CARBON	12K 5% 1/4W
		<u>TRANSISTOR</u>		R035	1-249-395-11	CARBON	15 5% 1/4W
Q001	8-729-119-78	TRANSISTOR 2SC2785-HFE		R036	1-249-409-11	CARBON	220 5% 1/4W
Q002	8-729-119-78	TRANSISTOR 2SC2785-HFE		R037	1-249-435-11	CARBON	33K 5% 1/4W
		<u>RESISTOR</u>		R038	1-249-430-11	CARBON	12K 5% 1/4W
R001	1-249-413-11	CARBON	470 5% 1/4W	R039	1-249-414-11	CARBON	560 5% 1/4W
R002	1-249-413-11	CARBON	470 5% 1/4W			<u>SWITCH</u>	
R003	1-249-413-11	CARBON	470 5% 1/4W	S031	1-554-920-11	SWITCH, PUSH (AC POWER) (1 KEY)	
R004	1-249-413-11	CARBON	470 5% 1/4W			<u>VARIABLE RESISTOR</u>	
R005	1-247-804-11	CARBON	75 5% 1/4W	RV031	1-237-453-11	RES, VAR, CARBON 20K/20K (LEVEL)	
R006	1-247-804-11	CARBON	75 5% 1/4W			*****	
R007	1-249-417-11	CARBON	1K 5% 1/4W			*1-630-501-11 LD-16 BOARD (Ref.No 6,000 Series)	
R009	1-249-417-11	CARBON	1K 5% 1/4W			*****	
R011	1-249-417-11	CARBON	1K 5% 1/4W				
R012	1-249-417-11	CARBON	1K 5% 1/4W				
		<u>SWITCH</u>				<u>DIODE</u>	
SW001	1-571-146-11	SWITCH, ROTARY (BAUD RATE)		D031	8-719-955-04	DIODE PY5504S-1	
		*****				*****	
	*1-630-491-11	HP-54 BOARD (Ref.No 5,000 Series)	*****				
	3-531-576-11	RIVET					
	3-715-933-01	HOLDER, HP					
	*3-728-437-02	HOLDER, LED PC BOARD					
		<u>CAPACITOR</u>					
C031	1-124-589-11	ELECT	47MF 20% 16V	C309	1-161-329-00	CERAMIC	0.0068MF 20% 16V
C032	1-124-589-11	ELECT	47MF 20% 16V	C310	1-161-329-00	CERAMIC	0.0068MF 20% 16V
C033	1-102-129-00	CERAMIC	0.01MF 10% 50V	C311	1-161-329-00	CERAMIC	0.0068MF 20% 16V
		<u>CONNECTOR</u>		C312	1-161-329-00	CERAMIC	0.0068MF 20% 16V
CN203	1-506-470-11	PIN, CONNECTOR 5P		C313	1-162-211-31	CERAMIC	33PF 5% 50V
				C314	1-162-283-31	CERAMIC	120PF 10% 50V
				C315	1-161-329-00	CERAMIC	0.0068MF 20% 16V
				C316	1-162-280-31	CERAMIC	82PF 10% 50V
				C317	1-126-176-11	ELECT	220MF 20% 10V
				C318	1-130-471-00	MYLAR	0.001MF 5% 50V
				C319	1-162-284-31	CERAMIC	150PF 10% 50V
				C320	1-130-469-00	MYLAR	680PF 5% 50V
				C321	1-130-473-00	MYLAR	0.0015MF 5% 50V

Ref.No	Part No.	Description		Remark	Ref.No	Part No.	Description		Remark	
C322	1-130-473-00	MYLAR	0.0015MF	5%	50V	R315	1-249-426-11	CARBON	5.6K 5%	1/4W
C323	1-123-875-11	ELECT	10MF	20%	50V	R316	1-249-428-11	CARBON	8.2K 5%	1/4W
C324	1-130-481-00	MYLAR	0.0068MF	5%	50V	R317	1-249-419-11	CARBON	1.5K 5%	1/4W
C325	1-162-286-31	CERAMIC	220PF	10%	50V	R318	1-249-418-11	CARBON	1.2K 5%	1/4W
C326	1-161-377-00	CERAMIC	0.0047MF	30%	16V	R319	1-249-413-11	CARBON	470 5%	1/4W
C327	1-126-176-11	ELECT	220MF	20%	10V	R320	1-210-821-00	CARBON	2.2M 5%	1/4W
C328	1-126-176-11	ELECT	220MF	20%	10V	R321	1-249-441-11	CARBON	100K 5%	1/4W
C329	1-124-927-11	ELECT	4.7MF	20%	50V	R322	1-249-425-11	CARBON	4.7K 5%	1/4W
C330	1-130-489-00	MYLAR	0.033MF	5%	50V	R323	1-249-421-11	CARBON	2.2K 5%	1/4W
C331	1-126-233-11	ELECT	22MF	20%	25V	R326	1-249-425-11	CARBON	4.7K 5%	1/4W
C332	1-161-329-00	CERAMIC	0.0068MF	20%	16V	R327	1-249-407-11	CARBON	150 5%	1/4W
C333	1-161-329-00	CERAMIC	0.0068MF	20%	16V	R328	1-249-426-11	CARBON	5.6K 5%	1/4W
C334	1-162-211-31	CERAMIC	33PF	5%	50V	R329	1-249-425-11	CARBON	4.7K 5%	1/4W
C335	1-161-329-00	CERAMIC	0.0068MF	20%	16V	R330	1-249-417-11	CARBON	1K 5%	1/4W
C336	1-162-282-31	CERAMIC	100PF	10%	50V	R331	1-249-417-11	CARBON	1K 5%	1/4W
C337	1-162-217-31	CERAMIC	56PF	5%	50V	R332	1-249-425-11	CARBON	4.7K 5%	1/4W
C338	1-126-176-11	ELECT	220MF	20%	10V	R333	1-249-426-11	CARBON	5.6K 5%	1/4W
C339	1-130-473-00	MYLAR	0.0015MF	5%	50V	R334	1-249-431-11	CARBON	15K 5%	1/4W
C340	1-130-473-00	MYLAR	0.0015MF	5%	50V	R335	1-249-425-11	CARBON	4.7K 5%	1/4W
C341	1-123-875-11	ELECT	10MF	20%	50V	R336	1-249-419-11	CARBON	1.5K 5%	1/4W
C342	1-130-481-00	MYLAR	0.0068MF	5%	50V	R337	1-249-418-11	CARBON	1.2K 5%	1/4W
C343	1-130-469-00	MYLAR	680PF	5%	50V	R338	1-249-413-11	CARBON	470 5%	1/4W
C344	1-130-471-00	MYLAR	0.001MF	5%	50V	R339	1-210-821-00	CARBON	2.2M 5%	1/4W
C345	1-162-284-31	CERAMIC	150PF	10%	50V	R340	1-249-441-11	CARBON	100K 5%	1/4W
C346	1-162-286-31	CERAMIC	220PF	10%	50V	R341	1-249-421-11	CARBON	2.2K 5%	1/4W
C347	1-161-377-00	CERAMIC	0.0047MF	30%	16V	R342	1-249-426-11	CARBON	5.6K 5%	1/4W
C348	1-126-233-11	ELECT	22MF	20%	25V	R343	1-249-425-11	CARBON	4.7K 5%	1/4W
C349	1-130-489-00	MYLAR	0.033MF	5%	50V					

VARIABLE RESISTOR

RV301 1-228-995-00 RES, ADJ, CARBON 22K  
 RV302 1-228-995-00 RES, ADJ, CARBON 22K

\*\*\*\*\*

\*1-630-493-11 FP-176 BOARD (Ref.No 1,000 Series)  
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\*3-728-445-01 HOLDER, LED

CAPACITOR

C101	1-124-589-11	ELECT	47MF	20%	10V
C102	1-126-160-11	ELECT	1MF	20%	50V
C103	1-162-288-31	CERAMIC	330PF	10%	50V
C104	1-126-162-11	ELECT	3.3MF	20%	50V
C105	1-124-589-11	ELECT	47MF	20%	10V
C106	1-124-589-11	ELECT	47MF	20%	10V

CONNECTOR

CN001 1-506-467-11 PIN, CONNECTOR 2P  
 CN002 1-506-488-11 PIN, CONNECTOR 9P

DIODE

D102 8-719-955-04 DIODE PY5504S-1 (PAL INUSE)

When indicating parts by reference number, please include the board name.

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
D103	8-719-955-04	DIODE PY5504S-1 (NTSC INUSE) (LDP-3600D)		C701	1-101-006-00	CERAMIC	0.047MF
D104	8-719-920-66	DIODE SLR-54VC12 (EXT CPU)		C702	1-101-006-00	CERAMIC	0.047MF
D105	8-719-920-66	DIODE SLR-54VC12 (REMOTE)		C703	1-124-771-00	ELECT	6800MF
		<u>IC</u>		C704	1-124-771-00	ELECT	6800MF
IC101	8-759-602-54	IC CX20106A		C705	1-126-091-11	ELECT	15000MF
		<u>TRANSISTOR</u>		C706	1-126-091-11	ELECT	15000MF
Q101	8-729-900-36	TRANSISTOR DTC124ES		C707	1-124-771-00	ELECT	6800MF
Q102	8-729-900-36	TRANSISTOR DTC124ES (LDP-3600D)		C709	1-124-443-00	ELECT	100MF
Q103	8-729-900-36	TRANSISTOR DTC124ES		C710	1-126-096-11	ELECT	10MF
Q104	8-729-900-36	TRANSISTOR DTC124ES		C711	1-126-096-11	ELECT	10MF
		<u>RESISTOR</u>		C712	1-124-443-00	ELECT	100MF
R101	1-249-405-11	CARBON	100 5% 1/4W	C713	1-124-443-00	ELECT	100MF
R102	1-249-405-11	CARBON	100 5% 1/4W	C714	1-124-120-11	ELECT	220MF
R103	1-249-421-11	CARBON	2.2K 5% 1/4W	C720	1-101-006-00	CERAMIC	0.047MF
R104	1-249-393-11	CARBON	10 5% 1/4W	C721	1-101-006-00	CERAMIC	0.047MF
R105	1-249-407-11	CARBON	150 5% 1/4W	C722	1-126-096-11	ELECT	10MF
R106	1-247-886-11	CARBON	200K 5% 1/4W	C723	1-126-096-11	ELECT	10MF
R107	1-249-409-11	CARBON	220 5% 1/4W				
R108	1-249-409-11	CARBON	220 5% 1/4W				
R109	1-249-409-11	CARBON	220 5% 1/4W				
R110	1-249-417-11	CARBON	1K 5% 1/4W				
R111	1-249-409-11	CARBON	220 5% 1/4W				
		<u>SWITCH</u>					
S101	1-570-472-11	SWITCH, KEY BOARD (OPEN/CLOSE)					
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*1-630-498-11 PD-22 BOARD (Ref.No 1,000 Series) *****							
		<u>DIODE</u>					
D101	8-719-118-33	DIODE PH302B					
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*A-6421-312-A DC-14 BOARD, COMPLETE ***** (LDP-3300P/3600D: AEP/UK)							
*A-6421-433-A DC-14 BOARD, COMPLETE (LDP-3600D: US) *****							
1-533-189-11	HOLDER, FUSE						
*3-309-144-21	HEAT SINK						
*3-701-946-25	LABEL (3.15A125V), FUSE (LDP-3600D: US)						
3-701-946-27	LABEL (5A125V), FUSE (LDP-3600D: US)						
7-685-646-79	SCREW +BVTP 3X8 TYPE2 SLIT						
7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3						
7-685-648-79	SCREW +BVTP 3X12 TYPE2 SLIT						
		<u>IC</u>					
IC701	8-759-135-80	IC UPC358C					
IC702	8-759-982-34	IC RC78M09FA					
IC703	8-759-982-54	IC RC79M09FA					
		<u>FUSE</u>					
F701	△.1-532-299-00	FUSE, TIME-LAG (T5A) (LDP-3300P/3600D: AEP/UK)					
F701	△.1-532-747-11	FUSE, GLASS TUBE 5A (LDP-3600D: US)					
F702	△.1-532-299-00	FUSE, TIME-LAG (T5A) (LDP-3300P/3600D: AEP/UK)					
F702	△.1-532-747-11	FUSE, GLASS TUBE 5A (LDP-3600D: US)					
F703	△.1-532-237-00	FUSE, TIME-LAG (T3.15A) (LDP-3300P/3600D: AEP/UK)					
F703	△.1-532-745-11	FUSE, GLASS TUBE 3.15A (LDP-3600D: US)					
		<u>IC</u>					

When indicating parts by reference number, please include the board name.

Note: The components identified by mark ▲ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
<u>IC LINK</u>							
PS701A	1-532-637-00	LINK, IC (ICP-N25 1A)		C009	1-161-329-00	CERAMIC	0.0068MF 20% 16V
<u>TRANSISTOR</u>							
Q701	8-729-119-78	TRANSISTOR 2SC2785-HFE		C010	1-162-284-31	CERAMIC	150PF 10% 50V
Q702	8-729-119-78	TRANSISTOR 2SC2785-HFE		C011	1-162-211-31	CERAMIC	33PF 5% 50V
Q703	8-729-119-78	TRANSISTOR 2SC2785-HFE		C012	1-161-379-00	CERAMIC	0.01MF 30% 16V
				C013	1-162-209-31	CERAMIC	27PF 5% 50V
<u>RESISTOR</u>							
R701	1-249-425-11	CARBON 4.7K 5% 1/4W		C014	1-123-875-11	ELECT	10MF 20% 50V
R702	1-249-413-11	CARBON 470 5% 1/4W		C015	1-126-103-11	ELECT	470MF 20% 16V
R703	1-215-431-00	METAL 2.7K 1% 1/6W		C016	1-162-211-31	CERAMIC	33PF 5% 50V
R704	1-215-429-00	METAL 2.2K 1% 1/6W		C017	1-124-477-11	ELECT	47MF 20% 16V (LDP-3600D)
R705	1-249-417-11	CARBON 1K 5% 1/4W		C018	1-162-203-31	CERAMIC	15PF 5% 50V
R706	1-249-405-11	CARBON 100 5% 1/4W		C019	1-124-589-11	ELECT	47MF 20% 16V
R708	1-249-433-11	CARBON 22K 5% 1/4W		C020	1-124-963-11	ELECT	33MF 20% 16V
R709	1-249-424-11	CARBON 3.9K 5% 1/4W		C021	1-161-329-00	CERAMIC	0.0068MF 20% 16V
R710	1-249-429-11	CARBON 10K 5% 1/4W		C022	1-161-329-00	CERAMIC	0.0068MF 20% 16V
R711	1-249-408-11	CARBON 180 5% 1/4W		C023	1-162-215-31	CERAMIC	47PF 5% 50V
R712	1-215-445-00	METAL 10K 1% 1/6W		C024	1-102-976-00	CERAMIC	180PF 5% 50V (LDP-3600D)
R713	1-215-435-00	METAL 3.9K 1% 1/6W		C025	1-124-477-11	ELECT	47MF 20% 16V (LDP-3600D)
R714	1-215-445-00	METAL 10K 1% 1/6W		C026	1-102-976-00	CERAMIC	180PF 5% 50V
R715	1-215-445-00	METAL 10K 1% 1/6W		C027	1-124-477-11	ELECT	47MF 20% 16V (LDP-3600D)
R716	1-215-445-00	METAL 10K 1% 1/6W		C051	1-124-589-11	ELECT	47MF 20% 16V
R717	1-215-445-00	METAL 10K 1% 1/6W		C052	1-126-157-11	ELECT	10MF 20% 16V
R718	1-249-408-11	CARBON 180 5% 1/4W		C053	1-124-589-11	ELECT	47MF 20% 16V
*****							
*A-6421-314-A	SS-91 (D) BOARD, COMPLETE *****			C054	1-162-207-31	CERAMIC	22PF 5% 50V
	(LDP-3600D: AEP/UK)			C055	1-162-213-31	CERAMIC	0.47MF 5% 50V
*A-6421-324-A	SS-91 (P) BOARD, COMPLETE (LDP-3300P) *****			C056	1-126-529-11	ELECT	47PF 5% 50V
*A-6421-434-A	SS-91 (U) BOARD, COMPLETE (Ref.No 7,000 ***** Series) (LDP-3600D: US)			C057	1-161-379-00	CERAMIC	220PF 5% 50V (LDP-3600D: AEP/UK)
1-540-044-11	SOCKET, IC 64P			C058	1-162-286-31	CERAMIC	220PF 10% 50V (LDP-3300P/3600D: US)
*3-309-144-21	HEAT SINK			C062	1-162-207-31	CERAMIC	22PF 5% 50V
7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S			C063	1-162-213-31	CERAMIC	39PF 5% 50V
7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			C064	1-126-529-11	ELECT	0.47MF 20% 50V
<u>CAPACITOR</u>							
C001	1-124-791-11	ELECT 1MF 20% 50V		C065	1-161-379-00	CERAMIC	0.01MF 30% 16V
C002	1-161-329-00	CERAMIC 0.0068MF 20% 16V		C066	1-124-463-00	ELECT	0.1MF 20% 50V
C003	1-126-160-11	ELECT 1MF 20% 50V		C067	1-124-589-11	ELECT	47MF 20% 16V
C004	1-162-280-31	CERAMIC 82PF 10% 50V		C068	1-161-494-00	CERAMIC	0.022MF 25V
C005	1-162-213-31	CERAMIC 39PF 5% 50V		C069	1-161-494-00	CERAMIC	0.022MF 25V
C006	1-161-494-00	CERAMIC 0.022MF 25V (LDP-3600D)		C070	1-162-211-31	CERAMIC	33PF 5% 50V
C007	1-130-495-00	MYLAR 0.1MF 5% 50V (LDP-3300P)		C073	1-124-589-11	ELECT	47MF 20% 16V
C007	1-161-494-00	CERAMIC 0.022MF 25V (LDP-3600D)		C074	1-124-477-11	ELECT	47MF 20% 16V
C008	1-130-476-00	MYLAR 0.0027MF 5% 50V		C075	1-124-477-11	ELECT	47MF 20% 16V
				C076	1-124-589-11	ELECT	47MF 20% 16V
				C077	1-124-589-11	ELECT	47MF 20% 16V
				C079	1-124-477-11	ELECT	47MF 20% 16V
				C080	1-161-327-00	CERAMIC	0.0033MF 30% 16V
				C082	1-130-485-00	MYLAR	0.015MF 5% 50V
				C083	1-126-529-11	ELECT	0.47MF 20% 50V
				C084	1-162-292-31	CERAMIC	680PF 10% 50V
				C085	1-130-494-11	MYLAR	0.082MF 5% 50V
				C086	1-124-443-00	ELECT	100MF 20% 10V
				C087	1-124-443-00	ELECT	100MF 20% 10V
				C090	1-124-589-11	ELECT	47MF 20% 16V
				C091	1-161-329-00	CERAMIC	0.0068MF 20% 16V (LDP-3600D)
				C092	1-161-329-00	CERAMIC	0.0068MF 20% 16V
				C093	1-161-329-00	CERAMIC	0.0068MF 20% 16V

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<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>	<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>
C095	1-161-494-00	CERAMIC	0.022MF		25V	C317	1-161-379-00	CERAMIC	0.01MF	30%	16V
C101	1-162-199-31	CERAMIC	10PF	5%	50V	C318	1-124-589-11	ELECT	47MF	20%	16V
C102	1-130-471-00	MYLAR	0.001MF	5%	50V	C319	1-130-489-00	MYLAR	0.033MF	5%	50V
C103	1-130-471-00	MYLAR	0.001MF	5%	50V	C320	1-162-286-31	CERAMIC	220PF	10%	50V
C104	1-130-471-00	MYLAR	0.001MF	5%	50V	C321	1-161-379-00	CERAMIC	0.01MF	30%	16V
C105	1-130-495-00	MYLAR	0.1MF	5%	50V	C322	1-124-589-11	ELECT	47MF	20%	16V
C106	1-130-471-00	MYLAR	0.001MF	5%	50V	C323	1-130-495-00	MYLAR	0.1MF	5%	50V
C107	1-126-176-11	ELECT	220MF	20%	6.3V	C324	1-130-469-00	MYLAR	680PF	5%	50V
C108	1-130-471-00	MYLAR	0.001MF	5%	50V	C325	1-130-471-00	MYLAR	0.001MF	5%	50V
C110	1-161-329-00	CERAMIC	0.0068MF	20%	16V	C326	1-131-344-00	TANTALUM	0.33MF	10%	35V
C111	1-161-329-00	CERAMIC	0.0068MF	20%	16V	C327	1-130-483-00	MYLAR	0.01MF	5%	50V
C112	1-124-446-11	ELECT	47MF	20%	10V	C328	1-124-477-11	ELECT	47MF	20%	25V
C113	1-130-472-00	MYLAR	0.0012MF	5%	50V	C329	1-130-483-00	MYLAR	0.01MF	5%	50V
C114	1-124-477-11	ELECT	47MF	20%	25V	C330	1-124-477-11	ELECT	47MF	20%	25V
C115	1-130-471-00	MYLAR	0.001MF	5%	50V	C331	1-130-476-00	MYLAR	0.0027MF	5%	50V
C121	1-162-294-31	CERAMIC	0.001MF	10%	50V	C332	1-130-476-00	MYLAR	0.0027MF	5%	50V
C123	1-162-294-31	CERAMIC	0.001MF	10%	50V	C333	1-130-483-00	MYLAR	0.01MF	5%	50V
C124	1-162-294-31	CERAMIC	0.001MF	10%	50V	C334	1-124-589-11	ELECT	47MF	20%	16V
C125	1-162-294-31	CERAMIC	0.001MF	10%	50V	C335	1-130-483-00	MYLAR	0.01MF	5%	50V
C126	1-162-294-31	CERAMIC	0.001MF	10%	50V	C336	1-124-589-11	ELECT	47MF	20%	16V
C127	1-162-294-31	CERAMIC	0.001MF	10%	50V	C337	1-136-156-00	MYLAR	0.018MF	5%	50V
C130	1-124-477-11	ELECT	47MF	20%	25V	C338	1-130-478-00	MYLAR	0.0039MF	5%	50V
C131	1-124-477-11	ELECT	47MF	20%	25V	C339	1-124-589-11	ELECT	47MF	20%	16V (LDP-3300P)
C132	1-124-477-11	ELECT	47MF	20%	25V	C340	1-126-320-11	ELECT	10MF	20%	16V
C133	1-124-477-11	ELECT	47MF	20%	25V	C341	1-130-483-00	MYLAR	0.01MF	5%	50V
C141	1-124-589-11	ELECT	47MF	20%	16V (LDP-3600D)	C342	1-130-487-00	MYLAR	0.022MF	5%	50V
C142	1-126-157-11	ELECT	10MF	20%	16V	C343	1-126-320-11	ELECT	10MF	20%	16V
C144	1-130-467-00	MYLAR	470PF	5%	50V (LDP-3600D)	C347	1-162-211-31	CERAMIC	33PF	5%	50V
C145	1-124-791-11	ELECT	1MF	20%	50V (LDP-3600D)	C348	1-130-489-00	MYLAR	0.033MF	5%	50V
C146	1-126-157-11	ELECT	10MF	20%	16V	C349	1-130-467-00	MYLAR	470PF	5%	50V
C150	1-124-589-11	ELECT	47MF	20%	16V	C350	1-130-483-00	MYLAR	0.01MF	5%	50V
C151	1-124-589-11	ELECT	47MF	20%	16V	C351	1-124-477-11	ELECT	47MF	20%	25V
C152	1-130-471-00	MYLAR	0.001MF	5%	50V	C352	1-130-483-00	MYLAR	0.01MF	5%	50V
C201	1-124-767-00	ELECT	2.2MF	20%	50V	C353	1-124-477-11	ELECT	47MF	20%	25V
C202	1-130-471-00	MYLAR	0.001MF	5%	50V	C354	1-126-529-11	ELECT	0.47MF	20%	50V
C204	1-130-476-00	MYLAR	0.0027MF	5%	50V	C356	1-162-280-31	CERAMIC	82PF	10%	50V
C206	1-130-489-00	MYLAR	0.033MF	5%	50V	C357	1-124-268-00	ELECT	0.22MF	20%	50V
C207	1-130-478-00	MYLAR	0.0039MF	5%	50V	C359	1-130-495-00	MYLAR	0.1MF	5%	50V
C300	1-162-211-31	CERAMIC	33PF	5%	50V	C360	1-130-495-00	MYLAR	0.1MF	5%	50V
C301	1-161-379-00	CERAMIC	0.01MF	30%	16V	C362	1-130-483-00	MYLAR	0.01MF	5%	50V
C302	1-124-589-11	ELECT	47MF	20%	16V	C363	1-124-589-11	ELECT	47MF	20%	16V
C303	1-162-211-31	CERAMIC	33PF	5%	50V	C364	1-130-483-00	MYLAR	0.01MF	5%	50V
C304	1-161-379-00	CERAMIC	0.01MF	30%	16V	C365	1-124-589-11	ELECT	47MF	20%	16V
C305	1-124-589-11	ELECT	47MF	20%	16V	C366	1-130-487-00	MYLAR	0.022MF	5%	50V
C308	1-130-476-00	MYLAR	0.0027MF	5%	50V	C367	1-124-273-00	ELECT	3.3MF	20%	50V
C309	1-130-485-00	MYLAR	0.015MF	5%	50V	C368	1-124-273-00	ELECT	3.3MF	20%	50V
C310	1-136-169-00	MYLAR	0.22MF	5%	50V	C369	1-124-282-00	ELECT	22MF	20%	16V
C311	1-162-280-31	CERAMIC	82PF	10%	50V	C371	1-162-211-31	CERAMIC	33PF	5%	50V
C312	1-161-329-00	CERAMIC	0.0068MF	20%	16V	C372	1-130-483-00	MYLAR	0.01MF	5%	50V
C313	1-126-101-11	ELECT	100MF	20%	16V	C373	1-161-379-00	CERAMIC	0.01MF	30%	16V
C314	1-124-477-11	ELECT	47MF	20%	16V	C374	1-130-471-00	MYLAR	0.001MF	5%	50V
C315	1-123-875-11	ELECT	10MF	20%	50V	C376	1-130-491-00	MYLAR	0.047MF	5%	50V
C316	1-124-446-11	ELECT	47MF	20%	10V	C377	1-136-169-00	MYLAR	0.22MF	5%	50V

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Ref.No	Part No.	Description		Remark	Ref.No	Part No.	Description		Remark	
C378	1-124-657-00	ELECT	10MF	20%	50V	C913	1-161-494-00	CERAMIC	0.022MF	25V
C381	1-162-282-31	CERAMIC	100PF	10%	50V	C914	1-123-330-00	ELECT	22MF	16V
C382	1-124-767-00	ELECT	2.2MF	20%	50V	C915	1-161-494-00	CERAMIC	0.022MF	25V
C399	1-124-589-11	ELECT	47MF	20%	16V	C916	1-161-494-00	CERAMIC	0.022MF	25V
C401	1-126-163-11	ELECT	4.7MF	20%	50V					
										<u>CONNECTOR</u>
C402	1-161-327-00	CERAMIC	0.0033MF	30%	16V	CN001	1-506-476-11	PIN, CONNECTOR 11P		
C403	1-162-282-31	CERAMIC	100PF	10%	50V	CN003	1-506-467-11	PIN, CONNECTOR 2P		
C404	1-126-163-11	ELECT	4.7MF	20%	50V	CN004	1-506-467-11	PIN, CONNECTOR 2P		
C405	1-124-584-00	ELECT	100MF	20%	10V	CN005	1-506-471-11	PIN, CONNECTOR 6P		
C406	1-162-282-31	CERAMIC	100PF	10%	50V	CN006	1-506-467-11	PIN, CONNECTOR 2P		
C407	1-124-589-11	ELECT	47MF	20%	16V	CN007	*1-560-896-00	PIN, CONNECTOR 8P		
C410	1-123-382-00	ELECT	3.3MF	20%	25V	CN009	*1-564-028-00	PIN, CONNECTOR 3P		
C411	1-130-495-00	MYLAR	0.1MF	5%	50V	CN010	*1-560-900-00	PIN, CONNECTOR 12P		
C413	1-126-163-11	ELECT	4.7MF	20%	50V	CN011	1-506-474-11	PIN, CONNECTOR 9P		
C414	1-126-163-11	ELECT	4.7MF	20%	50V	CN012	1-506-475-11	PIN, CONNECTOR 10P		
C415	1-126-163-11	ELECT	4.7MF	20%	50V	CN020	1-506-467-11	PIN, CONNECTOR 2P		
C416	1-162-294-31	CERAMIC	0.001MF	10%	50V	CN022	1-506-469-11	PIN, CONNECTOR 4P		
C417	1-162-294-31	CERAMIC	0.001MF	10%	50V	CN024	1-506-468-11	PIN, CONNECTOR 3P		
C418	1-162-294-31	CERAMIC	0.001MF	10%	50V	CN025	1-506-470-11	PIN, CONNECTOR 5P		
C419	1-162-294-31	CERAMIC	0.001MF	10%	50V	CN026	1-506-467-11	PIN, CONNECTOR 2P		
C420	1-162-294-31	CERAMIC	0.001MF	10%	50V	CN027	1-506-467-11	PIN, CONNECTOR 2P		
C421	1-162-294-31	CERAMIC	0.001MF	10%	50V	CN028	1-506-470-11	PIN, CONNECTOR 5P		
C451	1-130-467-00	MYLAR	470PF	5%	50V	CN029	1-506-469-11	PIN, CONNECTOR 4P		
C452	1-130-471-00	MYLAR	0.001MF	5%	50V	CN115	*1-564-037-11	PIN, CONNECTOR 12P		
C453	1-130-477-00	MYLAR	0.0033MF	5%	50V	CN201	1-506-467-11	PIN, CONNECTOR 2P		
C454	1-130-479-00	MYLAR	0.0047MF	5%	50V	CN202	1-506-469-11	PIN, CONNECTOR 4P		
C455	1-124-910-11	ELECT	47MF	20%	50V	CN401	*1-560-899-00	PIN, CONNECTOR 11P		
C456	1-101-006-00	CERAMIC	0.047MF		50V					
C457	1-130-471-00	MYLAR	0.001MF	5%	50V					
C458	1-124-910-11	ELECT	47MF	20%	50V					<u>DIODE</u>
C459	1-161-061-11	CERAMIC	0.068MF	10%	50V	D001	8-719-911-19	DIODE 1SS119		
C460	1-161-061-11	CERAMIC	0.068MF	10%	50V	D002	8-719-911-19	DIODE 1SS119		
C461	1-101-006-00	CERAMIC	0.047MF		50V	D101	8-719-911-19	DIODE 1SS119		
C462	1-101-006-00	CERAMIC	0.047MF		50V	D102	8-719-911-19	DIODE 1SS119		
C463	1-124-120-11	ELECT	220MF	20%	25V	D103	8-719-911-19	DIODE 1SS119		
C464	1-124-120-11	ELECT	220MF	20%	25V	D105	8-719-911-19	DIODE 1SS119		
C466	1-126-096-11	ELECT	10MF	20%	25V	D106	8-719-911-19	DIODE 1SS119		
C467	1-126-096-11	ELECT	10MF	20%	25V	D107	8-719-911-19	DIODE 1SS119		
C468	1-124-477-11	ELECT	47MF	20%	25V	D108	8-719-911-19	DIODE 1SS119		
C469	1-124-477-11	ELECT	47MF	20%	25V	D109	8-719-911-19	DIODE 1SS119		
C470	1-124-477-11	ELECT	47MF	20%	25V	D110	8-719-911-19	DIODE 1SS119		
C471	1-162-282-31	CERAMIC	100PF	10%	50V	D111	8-719-911-19	DIODE 1SS119		
C901	1-123-330-00	ELECT	22MF	20%	16V	D142	8-719-911-19	DIODE 1SS119 (LDP-3600D)		
C902	1-161-494-00	CERAMIC	0.022MF		25V	D143	8-719-911-19	DIODE 1SS119 (LDP-3600D)		
C904	1-161-494-00	CERAMIC	0.022MF		25V	D300	8-719-911-19	DIODE 1SS119		
C905	1-161-494-00	CERAMIC	0.022MF		25V	D301	8-719-109-96	DIODE RD6.8ESB1		
C906	1-161-494-00	CERAMIC	0.022MF		25V	D302	8-719-911-19	DIODE 1SS119		
C907	1-161-494-00	CERAMIC	0.022MF		25V	D307	8-719-109-59	DIODE RD2.7ESB1		
C908	1-161-494-00	CERAMIC	0.022MF		25V	D310	8-719-911-19	DIODE 1SS119		
C909	1-161-494-00	CERAMIC	0.022MF		25V	D403	8-719-911-19	DIODE 1SS119		
C910	1-161-494-00	CERAMIC	0.022MF		25V	D404	8-719-911-19	DIODE 1SS119		
C911	1-161-494-00	CERAMIC	0.022MF		25V	D431	8-719-911-19	DIODE 1SS119		
C912	1-161-494-00	CERAMIC	0.022MF		25V	D432	8-719-911-19	DIODE 1SS119		

When indicating parts by reference number, please include the board name.

**SS-91**

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
D433	8-719-911-19	DIODE 1SS119		IC401	8-759-981-95	IC RC4558S	
D451	8-719-911-19	DIODE 1SS119		IC402	8-759-240-53	IC TC4053BP	
D452	8-719-300-92	DIODE EK04		IC403	8-759-305-31	IC STA302A	
D453	8-719-300-92	DIODE EK04		IC404	8-759-305-32	IC STA303A	
D454	8-719-911-19	DIODE 1SS119		IC405	8-759-981-95	IC RC4558S	
D455	8-719-911-19	DIODE 1SS119		IC451	8-759-981-95	IC RC4558S	
		<u>DELAY LINE</u>		IC452	8-759-981-68	IC LM2903S	
DL001	1-415-515-11	DELAY LINE		IC453	8-759-205-83	IC TA7713P	
		<u>FILTER</u>		IC901	8-759-322-36	IC HD63A01Y0RL70P	
FL001	1-235-943-11	BPF (LDP-3600D)		IC902	8-759-631-98	IC M60014-0120FP	
FL002	1-236-262-11	FILTER, BAND PASS		IC903	8-759-103-27	IC UPD8251AFC	
FL003	1-235-924-11	FILTER, LOW PASS (4.5MHz) (LDP-3600D)		IC904	8-759-913-99	IC MB88201-173N	
FL004	1-236-264-11	FILTER, LOW PASS (5.0MHz)		IC905	8-759-013-15	IC MC145411P	
		<u>CONNECTOR</u>		IC906	8-759-011-83	IC MC145406P	
FN001	1-563-510-11	CONNECTOR, FPC.FFC 24P		IC907	8-759-240-11	IC TC4011BP	
		<u>COIL</u>		IC908	8-759-000-99	IC MC74HC74N	
		<u>IC</u>		IC001	8-752-006-12	IC CX20061 (LDP-3600D)	L001 1-410-521-11
				IC002	8-759-600-99	IC M51481P	INDUCTOR 100UH
				IC003	8-752-006-12	IC CX20061 (LDP-3600D)	L002 1-410-521-11
				IC004	8-752-006-12	IC CX20061 (LDP-3600D)	INDUCTOR 100UH
				IC005	8-752-321-89	IC CXL5003P	L003 1-410-521-11
				IC006	8-759-912-64	IC PA0009	INDUCTOR 100UH
				IC010	8-752-006-12	IC CX20061	L004 1-408-421-00
				IC101	8-752-322-98	IC CXD1091S	INDUCTOR 100UH
				IC102	8-759-901-23	IC SN74LS123N	L005 1-410-521-11
				IC103	8-759-345-38	IC HD14538BP	INDUCTOR 100UH
				IC104	8-759-250-81	IC TC5081AP	L006 1-410-521-11
				IC105	8-759-240-53	IC TC4053BP	INDUCTOR 100UH
				IC106	8-759-240-11	IC TC4011BP	L007 1-410-521-11
				IC107	8-759-345-38	IC HD14538BP	INDUCTOR 100UH
				IC108	8-759-345-38	IC HD14538BP	L008 1-410-521-11
				IC109	8-759-240-24	IC TC4024BP	INDUCTOR 100UH
				IC110	8-759-345-38	IC HD14538BP	L009 1-408-421-00
				IC111	8-759-203-68	IC TC74HC4040P (LDP-3600D)	INDUCTOR 100UH
				IC112	8-759-205-76	IC TC504013BP (LDP-3600D)	L010 1-410-521-11
				IC113	8-759-240-11	IC TC4011BP (LDP-3600D)	INDUCTOR 100UH
				IC301	8-759-981-95	IC RC4558S	L011 1-410-521-11
				IC302	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC303	8-759-981-95	IC RC4558S	L012 1-410-521-11
				IC304	8-759-981-68	IC LM2903S	INDUCTOR 100UH
				IC305	8-749-920-75	IC STA-451C	L013 1-410-521-11
				IC306	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC307	8-759-981-95	IC RC4558S	L014 1-410-521-11
				IC308	8-749-920-75	IC STA-451C	INDUCTOR 100UH
				IC309	8-759-981-95	IC RC4558S	L015 1-410-521-11
				IC310	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC311	8-749-920-75	IC STA-451C	L016 1-410-521-11
				IC312	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC313	8-759-981-95	IC RC4558S	L017 1-410-521-11
				IC314	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC315	8-759-981-95	IC RC4558S	L018 1-410-521-11
				IC316	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC317	8-759-981-95	IC RC4558S	L019 1-410-521-11
				IC318	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC319	8-759-981-95	IC RC4558S	L020 1-410-521-11
				IC320	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC321	8-759-981-95	IC RC4558S	L021 1-410-521-11
				IC322	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC323	8-759-981-95	IC RC4558S	L022 1-410-521-11
				IC324	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC325	8-759-981-95	IC RC4558S	L023 1-410-521-11
				IC326	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC327	8-759-981-95	IC RC4558S	L024 1-410-521-11
				IC328	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC329	8-759-981-95	IC RC4558S	L025 1-410-521-11
				IC330	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC331	8-759-981-95	IC RC4558S	L026 1-410-521-11
				IC332	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC333	8-759-981-95	IC RC4558S	L027 1-410-521-11
				IC334	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC335	8-759-981-95	IC RC4558S	L028 1-410-521-11
				IC336	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC337	8-759-981-95	IC RC4558S	L029 1-410-521-11
				IC338	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC339	8-759-981-95	IC RC4558S	L030 1-410-521-11
				IC340	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC341	8-759-981-95	IC RC4558S	L031 1-410-521-11
				IC342	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC343	8-759-981-95	IC RC4558S	L032 1-410-521-11
				IC344	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC345	8-759-981-95	IC RC4558S	L033 1-410-521-11
				IC346	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC347	8-759-981-95	IC RC4558S	L034 1-410-521-11
				IC348	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC349	8-759-981-95	IC RC4558S	L035 1-410-521-11
				IC350	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC351	8-759-981-95	IC RC4558S	L036 1-410-521-11
				IC352	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC353	8-759-981-95	IC RC4558S	L037 1-410-521-11
				IC354	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC355	8-759-981-95	IC RC4558S	L038 1-410-521-11
				IC356	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC357	8-759-981-95	IC RC4558S	L039 1-410-521-11
				IC358	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC359	8-759-981-95	IC RC4558S	L040 1-410-521-11
				IC360	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC361	8-759-981-95	IC RC4558S	L041 1-410-521-11
				IC362	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC363	8-759-981-95	IC RC4558S	L042 1-410-521-11
				IC364	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC365	8-759-981-95	IC RC4558S	L043 1-410-521-11
				IC366	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC367	8-759-981-95	IC RC4558S	L044 1-410-521-11
				IC368	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC369	8-759-981-95	IC RC4558S	L045 1-410-521-11
				IC370	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC371	8-759-981-95	IC RC4558S	L046 1-410-521-11
				IC372	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC373	8-759-981-95	IC RC4558S	L047 1-410-521-11
				IC374	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC375	8-759-981-95	IC RC4558S	L048 1-410-521-11
				IC376	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC377	8-759-981-95	IC RC4558S	L049 1-410-521-11
				IC378	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC379	8-759-981-95	IC RC4558S	L050 1-410-521-11
				IC380	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC381	8-759-981-95	IC RC4558S	L051 1-410-521-11
				IC382	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC383	8-759-981-95	IC RC4558S	L052 1-410-521-11
				IC384	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC385	8-759-981-95	IC RC4558S	L053 1-410-521-11
				IC386	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC387	8-759-981-95	IC RC4558S	L054 1-410-521-11
				IC388	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC389	8-759-981-95	IC RC4558S	L055 1-410-521-11
				IC390	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC391	8-759-981-95	IC RC4558S	L056 1-410-521-11
				IC392	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC393	8-759-981-95	IC RC4558S	L057 1-410-521-11
				IC394	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC395	8-759-981-95	IC RC4558S	L058 1-410-521-11
				IC396	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC397	8-759-981-95	IC RC4558S	L059 1-410-521-11
				IC398	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC399	8-759-981-95	IC RC4558S	L060 1-410-521-11
				IC400	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC401	8-759-981-95	IC RC4558S	L061 1-410-521-11
				IC402	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC403	8-759-981-95	IC RC4558S	L062 1-410-521-11
				IC404	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC405	8-759-981-95	IC RC4558S	L063 1-410-521-11
				IC406	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC407	8-759-981-95	IC RC4558S	L064 1-410-521-11
				IC408	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC409	8-759-981-95	IC RC4558S	L065 1-410-521-11
				IC410	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC411	8-759-981-95	IC RC4558S	L066 1-410-521-11
				IC412	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC413	8-759-981-95	IC RC4558S	L067 1-410-521-11
				IC414	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC415	8-759-981-95	IC RC4558S	L068 1-410-521-11
				IC416	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC417	8-759-981-95	IC RC4558S	L069 1-410-521-11
				IC418	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC419	8-759-981-95	IC RC4558S	L070 1-410-521-11
				IC420	8-759-981-95	IC RC4558S	INDUCTOR 100UH
				IC421	8-759-981-95	IC RC45	

When indicating parts by reference number, please include the board name.

**Note:** The components identified by mark  or dotted line with mark  are critical for safety.  
Replace only with part number specified.

<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
PS303△ 1-532-675-00	LINK, IC (ICP-F38 1.5A)			Q410	8-729-281-53	TRANSISTOR 2SC1815-GR	
PS304△ 1-532-675-00	LINK, IC (ICP-F38 1.5A)			Q411	8-729-201-53	TRANSISTOR 2SA1015-GR	
PS401△ 1-532-686-00	LINK, IC (ICP-F75 2.7A)			Q412	8-729-281-53	TRANSISTOR 2SC1815-GR	
PS402△ 1-532-686-00	LINK, IC (ICP-F75 2.7A)			Q413	8-729-281-53	TRANSISTOR 2SC1815-GR	
				Q414	8-729-201-53	TRANSISTOR 2SA1015-GR	
<u>TRANSISTOR</u>							
Q001	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q415	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q002	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q416	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q003	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q417	8-729-201-53	TRANSISTOR 2SA1015-GR	
Q004	8-729-900-36	TRANSISTOR DTC124ES		Q418	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q005	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q420	8-729-900-63	TRANSISTOR DTA124ES	
Q006	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q421	8-729-900-63	TRANSISTOR DTA124ES	
Q007	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q422	8-729-900-36	TRANSISTOR DTC124ES	
Q008	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q423	8-729-900-63	TRANSISTOR DTA124ES	
Q009	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q432	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q010	8-729-900-36	TRANSISTOR DTC124ES		Q451	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q011	8-729-119-78	TRANSISTOR 2SC2785-HFE (LDP-3600D)		Q452	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q012	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q453	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q013	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q458	8-729-804-68	TRANSISTOR 2SB1133-S	
Q051	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q459	8-729-804-17	TRANSISTOR 2SD1666-R	
<u>RESISTOR</u>							
Q053	8-729-119-78	TRANSISTOR 2SC2785-HFE		R001	1-249-413-11	CARBON	470 5% 1/4W
Q054	8-729-119-78	TRANSISTOR 2SC2785-HFE		R002	1-249-421-11	CARBON	2.2K 5% 1/4W
Q055	8-729-119-76	TRANSISTOR 2SA1175-HFE		R003	1-249-429-11	CARBON	10K 5% 1/4W
Q056	8-729-119-78	TRANSISTOR 2SC2785-HFE		R004	1-249-420-11	CARBON	1.8K 5% 1/4W
Q057	8-729-900-36	TRANSISTOR DTC124-TP (LDP-3600D)		R005	1-249-416-11	CARBON	820 5% 1/4W
Q058	8-729-900-36	TRANSISTOR DTC124-TP		R006	1-249-409-11	CARBON	220 5% 1/4W
Q059	8-729-900-36	TRANSISTOR DTC124-TP (LDP-3600D)		R007	1-249-417-11	CARBON	1K 5% 1/4W
Q101	8-729-900-89	TRANSISTOR DTC144-TP		R010	1-249-417-11	CARBON	1K 5% 1/4W (LDP-3600D)
Q102	8-729-900-63	TRANSISTOR DTA124-TP		R011	1-249-417-11	CARBON	1K 5% 1/4W
Q103	8-729-900-80	TRANSISTOR DTC114-TP		R013	1-249-417-11	CARBON	1K 5% 1/4W
Q105	8-729-119-76	TRANSISTOR 2SA1175-HFE		R014	1-249-417-11	CARBON	1K 5% 1/4W
Q106	8-729-119-76	TRANSISTOR 2SA1175-HFE		R015	1-249-417-11	CARBON	1K 5% 1/4W
Q107	8-729-900-36	TRANSISTOR DTC124-TP		R016	1-249-433-11	CARBON	22K 5% 1/4W
Q140	8-729-900-89	TRANSISTOR DTC144-TP (LDP-3600D)		R017	1-249-421-11	CARBON	2.2K 5% 1/4W (LDP-3600D)
Q201	8-729-900-80	TRANSISTOR DTC114-TP		R018	1-249-417-11	CARBON	1K 5% 1/4W
Q303	8-729-900-61	TRANSISTOR DTA114-TP		R019	1-249-420-11	CARBON	1.8K 5% 1/4W
Q304	8-729-218-43	TRANSISTOR 2SK184-GR		R020	1-249-413-11	CARBON	470 5% 1/4W
Q305	8-729-900-61	TRANSISTOR DTA114-TP		R021	1-249-417-11	CARBON	1K 5% 1/4W (LDP-3600D)
Q306	8-729-900-80	TRANSISTOR DTC114-TP		R022	1-249-417-11	CARBON	1K 5% 1/4W (LDP-3600D)
Q307	8-729-218-43	TRANSISTOR 2SK184-GR		R023	1-249-417-11	CARBON	1K 5% 1/4W
Q308	8-729-218-43	TRANSISTOR 2SK184-GR		R024	1-249-417-11	CARBON	1K 5% 1/4W
Q310	8-729-119-78	TRANSISTOR 2SC2785-HFE		R025	1-249-417-11	CARBON	1K 5% 1/4W
Q311	8-729-119-78	TRANSISTOR 2SC2785-HFE		R026	1-249-418-11	CARBON	1.2K 5% 1/4W (LDP-3600D)
Q312	8-729-320-62	TRANSISTOR 2SD789-34		R027	1-249-415-11	CARBON	680 5% 1/4W (LDP-3600D)
Q313	8-729-320-62	TRANSISTOR 2SD789-34		R028	1-249-419-11	CARBON	1.5K 5% 1/4W
Q314	8-729-900-63	TRANSISTOR DTA124ES		R029	1-249-414-11	CARBON	560 5% 1/4W
Q401	8-729-900-36	TRANSISTOR DTC124ES		R030	1-249-413-11	CARBON	470 5% 1/4W
Q402	8-729-900-36	TRANSISTOR DTC124ES		R031	1-249-417-11	CARBON	1K 5% 1/4W
Q403	8-729-900-63	TRANSISTOR DTA124ES		R032	1-249-417-11	CARBON	1K 5% 1/4W
Q404	8-729-900-36	TRANSISTOR DTC124ES		R033	1-249-413-11	CARBON	470 5% 1/4W
Q405	8-729-900-63	TRANSISTOR DTA124ES		R051	1-249-436-11	CARBON	39K 5% 1/4W
				R052	1-249-430-11	CARBON	12K 5% 1/4W

When indicating parts by reference number, please include the board name.

**Note:** The components identified by mark ▲ or dotted line with mark ▲ are critical for safety. Replace only with part number specified.

Ref.No	Part No.	Description			Remark	Ref.No	Part No.	Description			Remark
R053	1-249-421-11	CARBON	2.2K	5%	1/4W	R147	1-249-438-11	CARBON	56K	5%	1/4W
R054	1-249-421-11	CARBON	2.2K	5%	1/4W	R150	1-249-437-11	CARBON	47K	5%	1/4W
R055	1-249-414-11	CARBON	560	5%	1/4W	R151	1-249-428-11	CARBON	8.2K	5%	1/4W
R056	1-249-420-11	CARBON	1.8K	5%	1/4W	R152	1-249-429-11	CARBON	10K	5%	1/4W
R057	1-249-425-11	CARBON	4.7K	5%	1/4W	R153	1-249-429-11	CARBON	10K	5%	1/4W
R058	1-249-417-11	CARBON	1K	5%	1/4W	R154	1-249-425-11	CARBON	4.7K	5%	1/4W
R064	1-249-417-11	CARBON	1K	5%	1/4W	R155	1-249-425-11	CARBON	4.7K	5%	1/4W
R065	1-247-903-00	CARBON	1M	5%	1/4W	R156	1-249-425-11	CARBON	4.7K	5%	1/4W
R066	1-249-426-11	CARBON	5.6K	5%	1/4W	R171	1-249-429-11	CARBON	10K	5%	1/4W
R067	1-249-417-11	CARBON	1K	5%	1/4W	R201	1-249-421-11	CARBON	2.2K	5%	1/4W
R068	1-249-417-11	CARBON	1K	5%	1/4W	R202	1-249-421-11	CARBON	2.2K	5%	1/4W
R069	1-249-425-11	CARBON	4.7K	5%	1/4W	R203	1-247-895-00	CARBON	470K	5%	1/4W
R074	1-249-429-11	CARBON	10K	5%	1/4W	R205	1-249-439-11	CARBON	68K	5%	1/4W
R075	1-249-413-11	CARBON	470	5%	1/4W	R206	1-247-897-11	CARBON	560K	5%	1/4W
R076	1-249-417-11	CARBON	1K	5%	1/4W	R207	1-247-887-00	CARBON	220K	5%	1/4W
R080	1-249-409-11	CARBON	220	5%	1/4W	R208	1-249-429-11	CARBON	10K	5%	1/4W
R081	1-249-406-11	CARBON	120	5%	1/4W	R210	1-249-405-11	CARBON	100	5%	1/4W
R082	1-249-441-11	CARBON	100K	5%	1/4W	R211	1-249-433-11	CARBON	22K	5%	1/4W
R083	1-249-426-11	CARBON	5.6K	5%	1/4W	R300	1-249-425-11	CARBON	4.7K	5%	1/4W
R084	1-249-430-11	CARBON	12K	5%	1/4W	R301	1-249-437-11	CARBON	47K	5%	1/4W
R085	1-249-429-11	CARBON	10K	5%	1/4W	R302	1-249-425-11	CARBON	4.7K	5%	1/4W
R086	1-249-426-11	CARBON	5.6K	5%	1/4W	R303	1-249-436-11	CARBON	39K	5%	1/4W
R087	1-249-421-11	CARBON	2.2K	5%	1/4W	R304	1-249-431-11	CARBON	15K	5%	1/4W
R101	1-249-435-11	CARBON	33K	5%	1/4W	R305	1-249-431-11	CARBON	15K	5%	1/4W
R105	1-249-425-11	CARBON	4.7K	5%	1/4W	R306	1-249-431-11	CARBON	15K	5%	1/4W
R106	1-249-425-11	CARBON	4.7K	5%	1/4W	R307	1-249-434-11	CARBON	27K	5%	1/4W
R107	1-247-891-00	CARBON	330K	5%	1/4W	R308	1-249-419-11	CARBON	1.5K	5%	1/4W
R108	1-249-417-11	CARBON	1K	5%	1/4W	R309	1-249-434-11	CARBON	27K	5%	1/4W
R109	1-249-425-11	CARBON	4.7K	5%	1/4W	R310	1-249-405-11	CARBON	100	5%	1/4W
R110	1-249-440-11	CARBON	82K	5%	1/4W	R311	1-249-389-11	CARBON	4.7	5%	1/4W
R111	1-249-417-11	CARBON	1K	5%	1/4W	R312	1-249-436-11	CARBON	39K	5%	1/4W
R112	1-249-441-11	CARBON	100K	5%	1/4W	R313	1-249-424-11	CARBON	3.9K	5%	1/4W
R113	1-249-429-11	CARBON	10K	5%	1/4W	R314	1-249-436-11	CARBON	39K	5%	1/4W
R114	1-247-881-00	CARBON	120K	5%	1/4W	R315	1-249-441-11	CARBON	100K	5%	1/4W
R115	1-249-417-11	CARBON	1K	5%	1/4W	R316	1-249-441-11	CARBON	100K	5%	1/4W
R116	1-249-429-11	CARBON	10K	5%	1/4W	R317	1-249-434-11	CARBON	27K	5%	1/4W
R117	1-215-462-00	METAL	51K	1%	1/6W	R318	1-249-427-11	CARBON	6.8K	5%	1/4W
R119	1-247-881-00	CARBON	120K	5%	1/4W	R319	1-249-441-11	CARBON	100K	5%	1/4W
R121	1-249-429-11	CARBON	10K	5%	1/4W	R320	1-249-427-11	CARBON	6.8K	5%	1/4W
R122	1-249-430-11	CARBON	12K	5%	1/4W	R321	1-249-435-11	CARBON	33K	5%	1/4W
R128	1-249-429-11	CARBON	10K	5%	1/4W	R322	1-249-401-11	CARBON	47	5%	1/4W
R129	1-249-433-11	CARBON	22K	5%	1/4W	R323	1-249-425-11	CARBON	4.7K	5%	1/4W
R130	1-249-433-11	CARBON	22K	5%	1/4W	R324	1-249-418-11	CARBON	1.2K	5%	1/4W
R131	1-249-407-11	CARBON	150	5%	1/4W	R325	1-249-420-11	CARBON	1.8K	5%	1/4W
R132	1-249-407-11	CARBON	150	5%	1/4W	R326	1-249-427-11	CARBON	6.8K	5%	1/4W
R134	1-249-429-11	CARBON	10K	5%	1/4W	R327	1-249-420-11	CARBON	1.8K	5%	1/4W
R137	1-249-421-11	CARBON	2.2K	5%	1/4W	R328	1-249-420-11	CARBON	1.8K	5%	1/4W
R138	1-249-417-11	CARBON	1K	5%	1/4W	R329	1-249-425-11	CARBON	4.7K	5%	1/4W
R141	1-249-417-11	CARBON	1K	5%	1/4W (LDP-3600D)	R330	1-249-415-11	CARBON	680	5%	1/4W
R142	1-249-429-11	CARBON	10K	5%	1/4W (LDP-3600D)	R331	1-249-389-11	CARBON	4.7	5%	1/4W
R143	1-249-428-11	CARBON	8.2K	5%	1/4W (LDP-3600D)	R332	1-244-832-11	CARBON	20	5%	1/2W
R144	1-249-441-11	CARBON	100K	5%	1/4W (LDP-3600D)	R333	1-249-429-11	CARBON	10K	5%	1/4W
R145	1-249-425-11	CARBON	4.7K	5%	1/4W	R334	1-249-429-11	CARBON	10K	5%	1/4W

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Ref.No	Part No.	Description		Remark	Ref.No	Part No.	Description		Remark			
R335	1-249-407-11	CARBON	150	5%	1/4W	R392	1-249-411-11	CARBON	330	5%	1/4W	
R336	▲1-216-374-00	METAL OXIDE	2.7	5%	2W	F	R393	1-249-438-11	CARBON	56K	5%	1/4W
R337	1-247-903-00	CARBON	1M	5%	1/4W	R394	1-249-401-11	CARBON	47	5%	1/4W	
R338	1-249-428-11	CARBON	8.2K	5%	1/4W	R395	1-249-429-11	CARBON	10K	5%	1/4W	
R339	1-249-432-11	CARBON	18K	5%	1/4W	R396	1-249-429-11	CARBON	10K	5%	1/4W	
R340	1-249-424-11	CARBON	3.9K	5%	1/4W	R397	▲1-216-374-00	METAL OXIDE	2.7	5%	2W	F
R341	1-249-425-11	CARBON	4.7K	5%	1/4W	R398	1-249-433-11	CARBON	22K	5%	1/4W	
R342	1-249-429-11	CARBON	10K	5%	1/4W	R399	1-249-405-11	CARBON	100	5%	1/4W	
R343	1-249-429-11	CARBON	10K	5%	1/4W	R401	1-249-435-11	CARBON	33K	5%	1/4W	
R344	1-215-457-00	METAL	33K	1%	1/6W	R402	1-249-435-11	CARBON	33K	5%	1/4W	
R345	1-215-451-00	METAL	18K	1%	1/6W	R403	1-249-441-11	CARBON	100K	5%	1/4W	
R346	1-249-429-11	CARBON	10K	5%	1/4W	R404	1-249-431-11	CARBON	15K	5%	1/4W	
R347	1-247-901-11	CARBON	820K	5%	1/4W	R405	1-247-887-00	CARBON	220K	5%	1/4W	
R348	1-215-457-00	METAL	33K	1%	1/6W	R406	1-249-438-11	CARBON	56K	5%	1/4W	
R349	1-215-452-00	METAL	20K	1%	1/6W	R407	1-249-433-11	CARBON	22K	5%	1/4W	
R350	1-247-901-11	CARBON	820K	5%	1/4W	R408	1-247-893-11	CARBON	390K	5%	1/4W	
R351	1-249-437-11	CARBON	47K	5%	1/4W	R409	1-249-431-11	CARBON	15K	5%	1/4W	
R352	1-247-887-00	CARBON	220K	5%	1/4W	R410	1-249-431-11	CARBON	15K	5%	1/4W	
R353	1-249-425-11	CARBON	4.7K	5%	1/4W	R411	1-249-413-11	CARBON	470	5%	1/4W	
R355	1-249-433-11	CARBON	22K	5%	1/4W	R412	1-247-887-00	CARBON	220K	5%	1/4W	
R357	1-249-429-11	CARBON	10K	5%	1/4W	R413	1-249-433-11	CARBON	22K	5%	1/4W	
R358	1-249-425-11	CARBON	4.7K	5%	1/4W	R414	1-247-887-00	CARBON	220K	5%	1/4W	
R359	1-249-425-11	CARBON	4.7K	5%	1/4W	R415	1-247-881-00	CARBON	120K	5%	1/4W	
R360	1-249-428-11	CARBON	8.2K	5%	1/4W	R416	1-247-887-00	CARBON	220K	5%	1/4W	
R361	1-249-421-11	CARBON	2.2K	5%	1/4W	R417	1-247-887-00	CARBON	220K	5%	1/4W	
R362	1-249-425-11	CARBON	4.7K	5%	1/4W	R418	1-247-893-11	CARBON	390K	5%	1/4W	
R363	1-249-425-11	CARBON	4.7K	5%	1/4W	R419	1-249-437-11	CARBON	47K	5%	1/4W	
R364	1-249-429-11	CARBON	10K	5%	1/4W	R420	1-247-887-00	CARBON	220K	5%	1/4W	
R365	1-249-428-11	CARBON	8.2K	5%	1/4W	R423	1-249-430-11	CARBON	12K	5%	1/4W	
R366	1-249-421-11	CARBON	2.2K	5%	1/4W	R424	1-249-430-11	CARBON	12K	5%	1/4W	
R367	1-249-431-11	CARBON	15K	5%	1/4W	R431	1-249-421-11	CARBON	2.2K	5%	1/4W	
R368	1-249-431-11	CARBON	15K	5%	1/4W	R432	1-249-421-11	CARBON	2.2K	5%	1/4W	
R369	1-249-431-11	CARBON	15K	5%	1/4W	R433	1-249-418-11	CARBON	1.2K	5%	1/4W	
R370	1-249-431-11	CARBON	15K	5%	1/4W	R434	1-249-421-11	CARBON	2.2K	5%	1/4W	
R371	1-249-441-11	CARBON	100K	5%	1/4W	R435	1-249-421-11	CARBON	2.2K	5%	1/4W	
R372	1-249-441-11	CARBON	100K	5%	1/4W	R436	1-249-418-11	CARBON	1.2K	5%	1/4W	
R373	1-247-889-00	CARBON	270K	5%	1/4W	R437	1-249-421-11	CARBON	2.2K	5%	1/4W	
R374	1-247-897-11	CARBON	560K	5%	1/4W	R438	1-249-421-11	CARBON	2.2K	5%	1/4W	
R375	1-249-434-11	CARBON	27K	5%	1/4W	R439	1-249-418-11	CARBON	1.2K	5%	1/4W	
R376	1-249-434-11	CARBON	27K	5%	1/4W	R440	1-249-421-11	CARBON	2.2K	5%	1/4W	
R377	1-249-439-11	CARBON	68K	5%	1/4W	R441	1-249-421-11	CARBON	2.2K	5%	1/4W	
R378	1-249-429-11	CARBON	10K	5%	1/4W	R442	1-249-418-11	CARBON	1.2K	5%	1/4W	
R379	1-249-405-11	CARBON	100	5%	1/4W	R443	1-249-421-11	CARBON	2.2K	5%	1/4W	
R380	1-249-436-11	CARBON	39K	5%	1/4W	R444	1-249-421-11	CARBON	2.2K	5%	1/4W	
R381	1-249-440-11	CARBON	82K	5%	1/4W	R445	1-249-418-11	CARBON	1.2K	5%	1/4W	
R382	1-249-439-11	CARBON	68K	5%	1/4W	R446	1-249-421-11	CARBON	2.2K	5%	1/4W	
R383	1-249-417-11	CARBON	1K	5%	1/4W	R447	1-249-421-11	CARBON	2.2K	5%	1/4W	
R384	1-249-429-11	CARBON	10K	5%	1/4W	R448	1-249-418-11	CARBON	1.2K	5%	1/4W	
R386	1-249-417-11	CARBON	1K	5%	1/4W	R451	1-249-430-11	CARBON	12K	5%	1/4W	
R387	1-249-432-11	CARBON	18K	5%	1/4W	R452	1-249-439-11	CARBON	68K	5%	1/4W	
R388	1-249-417-11	CARBON	1K	5%	1/4W	R453	1-249-429-11	CARBON	10K	5%	1/4W	
R389	1-249-421-11	CARBON	2.2K	5%	1/4W	R454	1-249-441-11	CARBON	100K	5%	1/4W	
R390	1-249-437-11	CARBON	47K	5%	1/4W	R455	1-249-441-11	CARBON	100K	5%	1/4W	

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Ref.No	Part No.	Description		Remark	Ref.No	Part No.	Description		Remark		
R456	1-249-433-11	CARBON	22K	5%	1/4W	R532	1-249-438-11	CARBON	56K	5%	1/4W
R457	▲1-207-620-00	METAL OXIDE	1	5%	3W	R533	1-249-425-11	CARBON	4.7K	5%	1/4W
R458	1-249-405-11	CARBON	100	5%	1/4W	R534	1-249-410-11	CARBON	270	5%	1/4W
R459	1-249-405-11	CARBON	100	5%	1/4W	R535	1-249-435-11	CARBON	33K	5%	1/4W
R462	1-215-461-00	METAL	47K	1%	1/6W	R536	1-249-417-11	CARBON	1K	5%	1/4W
R463	1-215-447-00	METAL	12K	1%	1/6W	R537	1-249-413-11	CARBON	470	5%	1/4W
R464	1-215-461-00	METAL	47K	1%	1/6W	R539	1-249-417-11	CARBON	1K	5%	1/4W
R465	1-215-447-00	METAL	12K	1%	1/6W	R540	1-249-415-11	CARBON	680	5%	1/4W
R466	1-249-430-11	CARBON	12K	5%	1/4W	R550	1-249-434-11	CARBON	27K	5%	1/4W
R467	1-249-429-11	CARBON	10K	5%	1/4W	R551	1-249-433-11	CARBON	22K	5%	1/4W
R468	1-249-433-11	CARBON	22K	5%	1/4W	R552	1-249-433-11	CARBON	22K	5%	1/4W
R469	1-249-433-11	CARBON	22K	5%	1/4W	R591	1-249-433-11	CARBON	22K	5%	1/4W
R470	1-249-423-11	CARBON	3.3K	5%	1/4W	R601	1-249-429-11	CARBON	10K	5%	1/4W
R471	1-249-417-11	CARBON	1K	5%	1/4W	R602	1-249-429-11	CARBON	10K	5%	1/4W
R472	1-249-423-11	CARBON	3.3K	5%	1/4W	R901	1-249-417-11	CARBON	1K	5%	1/4W
R473	1-249-417-11	CARBON	1K	5%	1/4W	R902	1-249-425-11	CARBON	4.7K	5%	1/4W
R474	1-249-429-11	CARBON	10K	5%	1/4W	R903	1-247-903-00	CARBON	1M	5%	1/4W
R481	1-249-433-11	CARBON	22K	5%	1/4W	R904	1-249-409-11	CARBON	220	5%	1/4W
R482	1-249-429-11	CARBON	10K	5%	1/4W	R905	1-249-409-11	CARBON	220	5%	1/4W
R484	1-249-417-11	CARBON	1K	5%	1/4W	R906	1-249-417-11	CARBON	1K	5%	1/4W
R485	1-249-417-11	CARBON	1K	5%	1/4W	R907	1-249-417-11	CARBON	1K	5%	1/4W
R486	1-249-417-11	CARBON	1K	5%	1/4W	R908	1-249-426-11	CARBON	5.6K	5%	1/4W
R496	1-249-417-11	CARBON	1K	5%	1/4W	R909	1-249-426-11	CARBON	5.6K	5%	1/4W
R497	1-249-417-11	CARBON	1K	5%	1/4W	R910	1-249-433-11	CARBON	22K	5%	1/4W
R498	1-249-417-11	CARBON	1K	5%	1/4W	R911	1-249-429-11	CARBON	10K	5%	1/4W
R499	1-249-432-11	CARBON	18K	5%	1/4W	R914	1-249-417-11	CARBON	1K	5%	1/4W
R501	1-249-441-11	CARBON	100K	5%	1/4W	R915	1-249-417-11	CARBON	1K	5%	1/4W
R502	1-249-441-11	CARBON	100K	5%	1/4W	R921	1-249-417-11	CARBON	1K	5%	1/4W
R503	1-249-429-11	CARBON	10K	5%	1/4W	R923	1-249-429-11	CARBON	10K	5%	1/4W
R504	1-249-429-11	CARBON	10K	5%	1/4W	R950	1-249-421-11	CARBON	2.2K	5%	1/4W
R505	1-249-429-11	CARBON	10K	5%	1/4W	R951	1-249-421-11	CARBON	2.2K	5%	1/4W
R506	1-249-439-11	CARBON	68K	5%	1/4W	R952	1-249-421-11	CARBON	2.2K	5%	1/4W
R507	1-249-429-11	CARBON	10K	5%	1/4W	R953	1-249-421-11	CARBON	2.2K	5%	1/4W
R508	1-247-885-00	CARBON	180K	5%	1/4W	R954	1-249-421-11	CARBON	2.2K	5%	1/4W
R509	1-249-440-11	CARBON	82K	5%	1/4W	<u>VARIABLE RESISTOR</u>					
R510	1-249-429-11	CARBON	10K	5%	1/4W	RV002	1-228-993-00	RES, ADJ, CARBON	4.7K	(LDP-3600D)	
R511	1-249-401-11	CARBON	47	5%	1/4W	RV003	1-228-989-00	RES, ADJ, CARBON	470	(LDP-3600D)	
R512	1-249-429-11	CARBON	10K	5%	1/4W	RV004	1-228-991-00	RES, ADJ, CARBON	2.2K		
R513	1-249-417-11	CARBON	1K	5%	1/4W	RV005	1-228-994-00	RES, ADJ, CARBON	10K		
R514	1-249-441-11	CARBON	100K	5%	1/4W	RV006	1-228-989-00	RES, ADJ, CARBON	470		
R515	1-249-429-11	CARBON	10K	5%	1/4W	RV101	1-228-996-00	RES, ADJ, CARBON	47K		
R516	1-249-417-11	CARBON	1K	5%	1/4W	RV201	1-228-993-00	RES, ADJ, CARBON	4.7K		
R517	1-249-418-11	CARBON	1.2K	5%	1/4W	RV300	1-228-995-00	RES, ADJ, CARBON	22K		
R518	1-247-889-00	CARBON	270K	5%	1/4W	RV301	1-228-990-00	RES, ADJ, CARBON	1K		
R519	1-249-418-11	CARBON	1.2K	5%	1/4W	RV302	1-228-996-00	RES, ADJ, CARBON	47K		
R520	1-249-405-11	CARBON	100	5%	1/4W	RV303	1-228-995-00	RES, ADJ, CARBON	22K		
R521	1-249-393-11	CARBON	10	5%	1/4W	RV304	1-228-994-00	RES, ADJ, CARBON	10K		
R522	1-249-418-11	CARBON	1.2K	5%	1/4W	RV306	1-228-993-00	RES, ADJ, CARBON	4.7K		
R523	1-247-883-00	CARBON	150K	5%	1/4W	<u>CRYSTAL</u>					
R524	1-249-401-11	CARBON	47	5%	1/4W	X901	1-567-152-00	OSCILLATOR, CERAMIC	(4MHz)		
R528	1-249-433-11	CARBON	22K	5%	1/4W	X902	1-567-889-11	VIBRATOR, CRYSTAL	(1.843MHz)		
R530	1-249-429-11	CARBON	10K	5%	1/4W						
R531	1-249-436-11	CARBON	39K	5%	1/4W						

When indicating parts by reference number, please include the board name.

**Note:** The components identified by mark or dotted line with mark are critical for safety.  
Replace only with part number specified.

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
*A-6421-315-A	AV-06 (D) BOARD, COMPLETE ***** (LDP-3600D: AEP/UK)			C135	1-124-791-11	ELECT	1MF 20% 50V
	*****			C136	1-124-477-11	ELECT	47MF 20% 16V
	*****			C137	1-130-479-00	MYLAR	0.0047MF 5% 50V
	*****			C138	1-131-367-00	TANTALUM	22MF 10% 16V
*A-6421-320-A	AV-06 (P) BOARD, COMPLETE (LDP-3300P) *****			C139	1-124-477-11	ELECT	47MF 20% 16V
*A-6421-435-A	AV-06 (U) BOARD, COMPLETE (Ref.No 2,000 Series) ***** (LDP-3600D: US)			C140	1-124-477-11	ELECT	47MF 20% 16V
	*****			C141	1-124-477-11	ELECT	47MF 20% 16V
	*****			C142	1-124-477-11	ELECT	47MF 20% 16V
	*****			C143	1-124-477-11	ELECT	47MF 20% 16V
	*****			C144	1-124-477-11	ELECT	47MF 20% 16V
<u>BAND PASS FILTER</u>				C145	1-130-487-00	MYLAR	0.022MF 5% 50V
BPF201	1-235-805-11	FILTER, BAND PASS (684KHz)		C146	1-130-477-00	MYLAR	0.0033MF 5% 50V
BPF202	1-235-806-11	FILTER, BAND PASS (1.066MHz)		C147	1-130-469-00	MYLAR	680PF 5% 50V (LDP-3600D)
BPF301	1-235-925-11	FILTER, BAND PASS (2.3MHZ) (LDP-3600D)		C148	1-124-477-11	ELECT	47MF 20% 16V
BPF302	1-235-926-11	FILTER, BAND PASS (2.8MHZ) (LDP-3600D)		C149	1-124-477-11	ELECT	47MF 20% 16V
<u>CAPACITOR</u>				C150	1-130-483-00	MYLAR	0.01MF 5% 50V
C001	1-161-494-00	CERAMIC	0.022MF	C151	1-161-329-00	CERAMIC	0.0068MF 20% 16V
C002	1-161-494-00	CERAMIC	0.022MF	C152	1-161-329-00	CERAMIC	0.0068MF 20% 16V
C003	1-161-494-00	CERAMIC	0.022MF	C153	1-162-211-31	CERAMIC	33PF 5% 50V
C101	1-130-495-00	MYLAR	0.1MF 5% 50V	C154	1-162-211-31	CERAMIC	33PF 5% 50V
C102	1-102-965-00	CERAMIC	39PF 5% 50V	C155	1-161-329-00	CERAMIC	0.0068MF 20% 16V
C103	1-162-211-31	CERAMIC	33PF 5% 50V	C160	1-102-074-00	CERAMIC	0.001MF 10% 50V (LDP-3600D)
C105	1-124-477-11	ELECT	47MF 20% 16V	C161	1-102-074-00	CERAMIC	0.001MF 10% 50V (LDP-3600D)
C106	1-124-477-11	ELECT	47MF 20% 16V	C190	1-161-494-00	CERAMIC	0.022MF 25V
C107	1-124-477-11	ELECT	47MF 20% 16V	C191	1-161-494-00	CERAMIC	0.022MF 25V
C108	1-124-477-11	ELECT	47MF 20% 16V	C192	1-161-494-00	CERAMIC	0.022MF 25V
C109	1-124-477-11	ELECT	47MF 20% 16V	C193	1-161-494-00	CERAMIC	0.022MF 25V
C110	1-124-477-11	ELECT	47MF 20% 16V	C194	1-161-494-00	CERAMIC	0.022MF 25V
C111	1-102-951-00	CERAMIC	15PF 5% 50V	C195	1-161-494-00	CERAMIC	0.022MF 25V
C112	1-162-207-31	CERAMIC	22PF 5% 50V	C196	1-161-494-00	CERAMIC	0.022MF 25V
C113	1-124-477-11	ELECT	47MF 20% 16V	C197	1-161-494-00	CERAMIC	0.022MF 25V
C114	1-130-479-00	MYLAR	0.0047MF 5% 50V	C198	1-161-494-00	CERAMIC	0.022MF 25V
C115	1-130-481-00	MYLAR	0.0068MF 5% 50V	C201	1-162-284-31	CERAMIC	150PF 10% 50V
C116	1-130-481-00	MYLAR	0.0068MF 5% 50V	C202	1-162-288-31	CERAMIC	330PF 10% 50V
C117	1-162-215-31	CERAMIC	47PF 5% 50V	C203	1-162-284-31	CERAMIC	150PF 10% 50V
C118	1-102-978-00	CERAMIC	220PF 5% 50V	C204	1-161-329-00	CERAMIC	0.0068MF 20% 16V
C119	1-162-215-31	CERAMIC	47PF 5% 50V	C205	1-124-477-11	ELECT	47MF 20% 16V
C120	1-162-215-31	CERAMIC	47PF 5% 50V	C206	1-124-477-11	ELECT	47MF 20% 16V
C121	1-124-477-11	ELECT	47MF 20% 16V	C207	1-161-379-00	CERAMIC	0.01MF 30% 16V
C122	1-130-483-00	MYLAR	0.01MF 5% 50V	C208	1-161-329-00	CERAMIC	0.0068MF 20% 16V
C123	1-130-483-00	MYLAR	0.01MF 5% 50V	C209	1-124-477-11	ELECT	47MF 20% 16V
C124	1-130-477-00	MYLAR	0.0033MF 5% 50V	C210	1-161-329-00	CERAMIC	0.0068MF 20% 16V (LDP-3600D)
C125	1-130-483-00	MYLAR	0.01MF 5% 50V	C213	1-161-494-00	CERAMIC	0.022MF 25V
C126	1-102-973-00	CERAMIC	100PF 5% 50V	C214	1-161-494-00	CERAMIC	0.022MF 25V
C127	1-101-004-00	CERAMIC	0.01MF 50V	C215	1-161-494-00	CERAMIC	0.022MF 25V
C128	1-130-481-00	MYLAR	0.0068MF 5% 50V	C216	1-161-494-00	CERAMIC	0.022MF 25V
C129	1-102-973-00	CERAMIC	100PF 5% 50V	C217	1-162-211-31	CERAMIC	33PF 5% 50V
C130	1-102-978-00	CERAMIC	220PF 5% 50V	C218	1-162-288-31	CERAMIC	330PF 10% 50V
C131	1-102-978-00	CERAMIC	220PF 5% 50V	C219	1-161-379-00	CERAMIC	0.01MF 30% 16V
C132	1-130-479-00	MYLAR	0.0047MF 5% 50V	C220	1-162-293-31	CERAMIC	820PF 10% 50V
C133	1-130-479-00	MYLAR	0.0047MF 5% 50V	C221	1-126-176-11	ELECT	220MF 20% 10V
C134	1-130-495-00	MYLAR	0.1MF 5% 50V	C222	1-130-473-00	MYLAR	0.0015MF 5% 50V
				C223	1-162-287-31	CERAMIC	270PF 10% 50V

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Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
C225	1-130-478-00	MYLAR	0.0039MF 5% 50V	C601	1-162-199-31	CERAMIC	10PF 5% 50V
C226	1-130-478-00	MYLAR	0.0039MF 5% 50V	C602	1-162-199-31	CERAMIC	10PF 5% 50V
C227	1-126-233-11	ELECT	22MF 20% 25V	C604	1-102-127-00	CERAMIC	0.0068MF 10% 50V
C228	1-102-978-00	CERAMIC	220PF 5% 50V	C605	1-102-127-00	CERAMIC	0.0068MF 10% 50V
C229	1-161-377-00	CERAMIC	0.0047MF 30% 16V	C606	1-102-127-00	CERAMIC	0.0068MF 10% 50V
C230	1-124-927-11	ELECT	4.7MF 20% 50V	C607	1-124-477-11	ELECT	47MF 20% 16V
C231	1-161-494-00	CERAMIC	0.022MF 25V	C608	1-130-472-00	MYLAR	0.0012MF 5% 50V
C232	1-161-494-00	CERAMIC	0.022MF 25V	C609	1-126-529-11	ELECT	0.47MF 20% 50V
C233	1-162-207-31	CERAMIC	22PF 5% 50V	C610	1-126-529-11	ELECT	0.47MF 20% 50V
C234	1-126-176-11	ELECT	220MF 20% 10V	C611	1-124-477-11	ELECT	47MF 20% 16V
C235	1-161-379-00	CERAMIC	0.01MF 30% 16V	C612	1-124-477-11	ELECT	47MF 20% 16V
C236	1-162-282-31	CERAMIC	100PF 10% 50V	C614	1-126-529-11	ELECT	0.47MF 20% 50V
C237	1-162-290-31	CERAMIC	470PF 10% 50V	C615	1-126-529-11	ELECT	0.47MF 20% 50V
C238	1-126-176-11	ELECT	220MF 20% 10V	C616	1-161-494-00	CERAMIC	0.022MF 25V
C240	1-130-478-00	MYLAR	0.0039MF 5% 50V	C701	1-130-487-00	MYLAR	0.022MF 5% 50V
C241	1-130-478-00	MYLAR	0.0039MF 5% 50V	C702	1-126-157-11	ELECT	10MF 20% 16V
C242	1-126-233-11	ELECT	22MF 20% 25V	C703	1-102-951-00	CERAMIC	15PF 5% 50V
C243	1-102-978-00	CERAMIC	220PF 5% 50V	C704	1-162-219-31	CERAMIC	68PF 5% 50V
C244	1-161-377-00	CERAMIC	0.0047MF 30% 16V	C705	1-102-961-00	CERAMIC	27PF 5% 50V
C245	1-130-473-00	MYLAR	0.0015MF 5% 50V	C706	1-162-219-31	CERAMIC	68PF 5% 50V
C246	1-162-287-31	CERAMIC	270PF 10% 50V	C707	1-130-495-00	MYLAR	0.1MF 5% 50V
C247	1-126-176-11	ELECT	220MF 20% 10V	C708	1-130-483-00	MYLAR	0.01MF 5% 50V
C248	1-130-489-00	MYLAR	0.033MF 5% 50V	C709	1-124-463-00	ELECT	0.1MF 20% 50V
C249	1-126-233-11	ELECT	22MF 20% 25V	C710	1-124-477-11	ELECT	47MF 20% 16V
C250	1-126-233-11	ELECT	22MF 20% 25V	C711	1-130-475-00	MYLAR	0.0022MF 5% 50V
C251	1-130-489-00	MYLAR	0.033MF 5% 50V	C712	1-130-475-00	MYLAR	0.0022MF 5% 50V
C252	1-130-493-00	MYLAR	0.068MF 5% 50V	C713	1-162-193-31	CERAMIC	3.3PF 10% 50V
C253	1-126-176-11	ELECT	220MF 20% 10V	C714	1-102-816-00	CERAMIC	120PF 5% 50V
C254	1-124-927-11	ELECT	4.7MF 20% 50V	C715	1-102-961-00	CERAMIC	27PF 5% 50V
C255	1-130-493-00	MYLAR	0.068MF 5% 50V	C716	1-126-157-11	ELECT	10MF 20% 16V
C256	1-124-902-00	ELECT	0.47MF 20% 50V	C717	1-130-483-00	MYLAR	0.01MF 5% 50V
C257	1-130-495-00	MYLAR	0.1MF 5% 50V	C718	1-102-949-00	CERAMIC	12PF 5% 50V
C258	1-126-233-11	ELECT	22MF 20% 25V	C719	1-102-961-00	CERAMIC	27PF 5% 50V
C259	1-126-176-11	ELECT	220MF 20% 10V	C720	1-162-207-31	CERAMIC	22PF 5% 50V
C260	1-126-529-11	ELECT	0.47MF 20% 50V	C721	1-102-973-00	CERAMIC	100PF 5% 50V
C261	1-124-766-00	ELECT	0.1MF 20% 50V	C722	1-162-211-31	CERAMIC	33PF 5% 50V
C262	1-124-766-00	ELECT	0.1MF 20% 50V	C723	1-124-477-11	ELECT	47MF 20% 16V
C263	1-124-927-11	ELECT	4.7MF 20% 50V	C724	1-124-477-11	ELECT	47MF 20% 16V
C264	1-126-529-11	ELECT	0.47MF 20% 50V	C725	1-102-951-00	CERAMIC	15PF 5% 50V
C265	1-124-766-00	ELECT	0.1MF 20% 50V	C726	1-102-973-00	CERAMIC	100PF 5% 50V
C266	1-124-766-00	ELECT	0.1MF 20% 50V	C727	1-102-971-00	CERAMIC	82PF 5% 50V
C267	1-124-927-11	ELECT	4.7MF 20% 50V	C728	1-124-477-11	ELECT	47MF 20% 16V
C268	1-124-268-00	ELECT	0.22MF 20% 50V	C729	1-124-477-11	ELECT	47MF 20% 16V
C269	1-124-902-00	ELECT	0.47MF 20% 50V	C730	1-102-965-00	CERAMIC	39PF 5% 50V
C270	1-124-478-11	ELECT	100MF 20% 25V	C731	1-102-978-00	CERAMIC	220PF 5% 50V
C301	1-102-979-00	CERAMIC	240PF 5% 50V (LDP-3600D)	C732	1-130-475-00	MYLAR	0.0022MF 5% 50V
C302	1-102-979-00	CERAMIC	240PF 5% 50V (LDP-3600D)	C733	1-102-824-00	CERAMIC	470PF 5% 50V
C303	1-162-205-31	CERAMIC	18PF 5% 50V (LDP-3600D)	C734	1-124-477-11	ELECT	47MF 20% 16V (LDP-3600D)
C304	1-162-198-31	CERAMIC	8.2PF 10% 50V (LDP-3600D)	C735	1-124-477-11	ELECT	47MF 20% 16V (LDP-3600D)
C305	1-162-207-31	CERAMIC	22PF 5% 50V (LDP-3600D)	C736	1-124-477-11	ELECT	47MF 20% 16V
C306	1-162-217-31	CERAMIC	56PF 5% 50V (LDP-3600D)	C737	1-124-477-11	ELECT	47MF 20% 16V
C307	1-162-207-31	CERAMIC	22PF 5% 50V (LDP-3600D)	C738	1-124-477-11	ELECT	47MF 20% 16V
C308	1-161-329-00	CERAMIC	0.0068MF 20% 16V (LDP-3600D)	C739	1-124-477-11	ELECT	47MF 20% 16V

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<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>	<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>
C740	1-124-477-11	ELECT	47MF	20%	16V	C906	1-102-965-00	CERAMIC	39PF	5%	50V
C741	1-162-199-31	CERAMIC	10PF	5%	50V	C907	1-102-127-00	CERAMIC	0.0068MF	10%	50V
C742	1-124-791-11	ELECT	1MF	20%	50V	C908	1-130-475-00	MYLAR	0.0022MF	5%	50V
C743	1-102-971-00	CERAMIC	82PF	5%	50V	C909	1-130-467-00	MYLAR	470PF	5%	50V
C744	1-102-127-00	CERAMIC	0.0068MF	10%	50V	C910	1-107-075-00	MICA	39PF	5%	50V
C745	1-102-127-00	CERAMIC	0.0068MF	10%	50V	C911	1-107-165-00	MICA	56PF	5%	50V
C746	1-124-477-11	ELECT	47MF	20%	16V	C912	1-130-487-00	MYLAR	0.022MF	5%	50V
C747	1-131-367-00	TANTALUM	22MF	10%	16V	C913	1-162-207-31	CERAMIC	22PF	5%	50V
C748	1-124-477-11	ELECT	47MF	20%	16V	C914	1-124-477-11	ELECT	47MF	20%	16V
C749	1-102-074-00	CERAMIC	0.001MF	10%	50V	C916	1-126-101-11	ELECT	100MF	20%	16V
C751	1-124-477-11	ELECT	47MF	20%	16V (LDP-3600D)	C917	1-124-927-11	ELECT	4.7MF	20%	50V
C752	1-101-006-00	CERAMIC	0.047MF	50V	(LDP-3600D)	C918	1-124-477-11	ELECT	47MF	20%	16V
C753	1-101-884-00	CERAMIC	56PF	5%	50V (LDP-3600D)	C923	1-124-477-11	ELECT	47MF	20%	16V
C754	1-102-973-00	CERAMIC	100PF	5%	50V (LDP-3600D)	C924	1-124-477-11	ELECT	47MF	20%	16V
C755	1-102-123-00	CERAMIC	0.0033MF	10%	50V(LDP-3600D)	C925	1-124-477-11	ELECT	47MF	20%	16V
C756	1-126-101-11	ELECT	100MF	20%	16V (LDP-3600D)	C926	1-124-477-11	ELECT	47MF	20%	16V
C757	1-101-006-00	CERAMIC	0.047MF	50V	(LDP-3600D)	C927	1-102-127-00	CERAMIC	0.0068MF	10%	50V
C758	1-102-074-00	CERAMIC	0.001MF	10%	50V (LDP-3600D)	C929	1-130-471-00	MYLAR	0.001MF	5%	50V
C759	1-124-477-11	ELECT	47MF	20%	16V (LDP-3600D)	C930	1-124-477-11	ELECT	47MF	20%	16V
C760	1-102-961-00	CERAMIC	27PF	5%	50V (LDP-3600D)	C940	1-162-217-31	CERAMIC	56PF	5%	50V
C761	1-162-215-31	CERAMIC	47PF	5%	50V (LDP-3600D)	C941	1-102-129-00	CERAMIC	0.01MF	10%	50V
C762	1-102-973-00	CERAMIC	100PF	5%	50V (LDP-3600D)	<u>FILTER</u>					
C763	1-162-211-31	CERAMIC	33PF	5%	50V (LDP-3600D)	CF101	1-567-657-11	FILTER, CERAMIC (SFS-MC TYPE) (3.75MHz)			
C764	1-102-119-00	CERAMIC	0.0015MF	10%	50V(LDP-3600D)	CF102	1-527-604-00	FILTER, CERAMIC (3.58MHz) (LDP-3600D)			
C765	1-102-978-00	CERAMIC	220PF	5%	50V (LDP-3600D)	<u>CONNECTOR</u>					
C768	1-101-006-00	CERAMIC	0.047MF	50V.	(LDP-3600D)	CN001	1-506-476-11	PIN, CONNECTOR 11P			
C769	1-101-006-00	CERAMIC	0.047MF	50V	(LDP-3600D)	CN003	1-506-467-11	PIN, CONNECTOR 2P			
C770	1-124-477-11	ELECT	47MF	20%	16V(LDP-3600D)	CN004	1-506-467-11	PIN, CONNECTOR 2P			
C771	1-102-973-00	CERAMIC	100PF	5%	50V (LDP-3600D)	CN005	1-506-471-11	PIN, CONNECTOR 6P			
C772	1-102-961-00	CERAMIC	27PF	5%	50V (LDP-3600D)	CN006	1-506-467-11	PIN, CONNECTOR 2P			
C773	1-102-129-00	CERAMIC	0.01MF	10%	50V(LDP-3600D)	CN007	*1-560-896-00	PIN, CONNECTOR 8P			
C774	1-102-820-00	CERAMIC	330PF	5%	50V (LDP-3600D)	CN010	1-506-470-11	PIN, CONNECTOR 5P			
C775	1-123-875-11	ELECT	10MF	20%	50V(LDP-3600D)	CN201	1-506-467-11	PIN, CONNECTOR 2P			
C776	1-124-477-11	ELECT	47MF	20%	16V(LDP-3600D)	CN202	1-506-469-11	PIN, CONNECTOR 4P			
C779	1-124-477-11	ELECT	47MF	20%	16V(LDP-3600D)	CN203	1-506-470-11	PIN, CONNECTOR 5P			
C780	1-162-215-31	CERAMIC	47PF	5%	50V (LDP-3600D)	CN204	1-506-468-11	PIN, CONNECTOR 3P			
C783	1-124-791-11	ELECT	1MF	20%	50V(LDP-3600D)	CN206	1-506-473-11	PIN, CONNECTOR 8P (LDP-3600D)			
C784	1-102-973-00	CERAMIC	100PF	5%	50V (LDP-3600D)	<u>TRIMMER</u>					
C799	1-124-768-11	ELECT	4.7MF	20%	50V	CT901	1-141-304-21	TRIMMER, CERAMIC			
C801	1-124-477-11	ELECT	47MF	20%	16V	CT902	1-141-227-00	CAP, CERAMIC TRIMMER			
C802	1-101-006-00	CERAMIC	0.047MF		50V	<u>DIODE</u>					
C803	1-162-211-31	CERAMIC	33PF	5%	50V	D101	8-719-911-19	DIODE 1SS119			
C804	1-101-006-00	CERAMIC	0.047MF		50V	D201	8-719-911-19	DIODE 1SS119			
C805	1-101-006-00	CERAMIC	0.047MF		50V	D202	8-719-911-19	DIODE 1SS119			
C806	1-123-875-11	ELECT	10MF	20%	50V	D203	8-719-911-19	DIODE 1SS119			
C809	1-124-119-00	ELECT	330MF	20%	16V	D204	8-719-911-19	DIODE 1SS119			
C810	1-126-157-11	ELECT	10MF	20%	16V	<u>TRIMMER</u>					
C814	1-131-367-00	TANTALUM	22MF	10%	16V	D601	8-719-911-19	DIODE 1SS119			
C901	1-109-542-00	MICA	220PF	5%	50V	D602	8-719-911-19	DIODE 1SS119			
C902	1-102-951-00	CERAMIC	15PF	5%	50V	<u>DIODE</u>					
C903	1-124-477-11	ELECT	47MF	20%	16V	<u>TRIMMER</u>					
C904	1-130-475-00	MYLAR	0.0022MF	5%	50V	<u>DIODE</u>					
C905	1-109-542-00	MICA	220PF	5%	50V	<u>TRIMMER</u>					

When indicating parts by reference number, please include the board name.

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
D751	8-719-907-19	DIODE FC52M-5 (LDP-3600D)		L107	1-410-521-11	INDUCTOR	100UH
D752	8-719-911-19	DIODE 1SS119 (LDP-3600D)		L108	1-410-521-11	INDUCTOR	100UH
D753	8-719-911-19	DIODE 1SS119 (LDP-3600D)		L109	1-410-521-11	INDUCTOR	100UH
D801	8-719-911-19	DIODE 1SS119		L110	1-410-521-11	INDUCTOR	100UH
D901	8-719-911-19	DIODE 1SS119		L111	1-410-521-11	INDUCTOR	100UH
D902	8-719-911-19	DIODE 1SS119		L112	1-410-521-11	INDUCTOR	100UH
D904	8-719-911-19	DIODE 1SS119		L113	1-410-521-11	INDUCTOR	100UH
D906	8-719-907-19	DIODE FC52M-5		L114	1-410-515-11	INDUCTOR	33UH
D907	8-719-911-19	DIODE 1SS119		L201	1-408-420-00	INDUCTOR	82UH
D908	8-719-911-19	DIODE 1SS119		L202	1-408-420-00	INDUCTOR	82UH
<u>FILTER</u>				L205	1-410-677-31	INDUCTOR	180UH
FL101	1-236-263-11	FILTER, LOW PASS		L206	1-407-500-00	INDUCTOR	4.7MMH
FL801	1-409-431-11	COIL, TRAP (3.58MHz) (LDP-3600D)		L207	1-407-503-00	INDUCTOR	8.2MMH
FL802	1-409-447-11	COIL, TRAP (4.43MHz)		L208	1-408-425-00	INDUCTOR	220UH
<u>IC</u>				L209	1-407-500-00	INDUCTOR	4.7MMH
IC101	8-752-320-31	IC CXL1004P		L210	1-407-503-00	INDUCTOR	8.2MMH
IC102	8-759-950-07	IC SN75107BN		L301	1-408-425-00	INDUCTOR	220UH (LDP-3600D)
IC103	8-752-030-44	IC CXA1018S		L302	1-408-417-00	INDUCTOR	47UH (LDP-3600D)
IC104	8-759-202-11	IC TC74HC00P		L311	1-408-417-00	INDUCTOR	47UH (LDP-3600D)
IC105	8-759-902-21	IC SN74LS221N		L312	1-408-421-00	INDUCTOR	100UH (LDP-3600D)
IC201	8-752-006-12	IC CX20061 (LDP-3600D)		L601	1-410-521-11	INDUCTOR	100UH
IC202	8-759-303-75	IC HA12083NT		L602	1-410-514-11	INDUCTOR	27UH
IC203	8-759-240-53	IC TC4053BP (LDP-3600D)		L702	1-410-519-11	INDUCTOR	68UH
IC204	8-759-302-81	IC HA12043		L703	1-410-511-11	INDUCTOR	15UH
IC205	8-759-240-71	IC TC4071BP (LDP-3600D)		L704	1-410-517-11	INDUCTOR	47UH
IC601	8-759-943-90	IC MB89010A-109		L705	1-410-515-11	INDUCTOR	33UH
IC602	8-759-902-21	IC SN74LS221N		L706	1-410-520-11	INDUCTOR	82UH
IC603	8-759-202-11	IC TC74HC00P		L709	1-410-517-11	INDUCTOR	47UH
IC604	8-759-927-56	IC BA7021		L710	1-410-517-11	INDUCTOR	47UH
IC605	8-759-202-11	IC TC74HC00P		L711	1-410-521-11	INDUCTOR	100UH
IC701	8-752-006-12	IC CX20061		L712	1-408-421-00	INDUCTOR	100UH
IC702	8-752-321-89	IC CXL5003P		L713	1-410-521-11	INDUCTOR	100UH
IC703	8-752-006-12	IC CX20061		L714	1-408-421-00	INDUCTOR	100UH
IC704	8-752-006-12	IC CX20061 (LDP-3600D)		L715	1-410-521-11	INDUCTOR	100UH
IC751	8-759-202-24	IC TC74HC86P (LDP-3600D)		L716	1-410-521-11	INDUCTOR	100UH
IC752	8-759-902-21	IC SN74LS221N (LDP-3600D)		L717	1-410-521-11	INDUCTOR	100UH
IC753	8-759-945-58	IC RC4558P (LDP-3600D)		L718	1-410-512-11	INDUCTOR	18UH
IC801	8-759-927-56	IC BA7021		L751	1-410-515-11	INDUCTOR	33UH (LDP-3600D)
IC901	8-759-207-28	IC TC9015P		L752	1-410-513-11	INDUCTOR	22UH (LDP-3600D)
IC902	8-759-938-56	IC MB88201H-523M		L753	1-410-519-11	INDUCTOR	68UH (LDP-3600D)
IC903	8-759-240-53	IC TC4053BP		L754	1-410-521-11	INDUCTOR	100UH (LDP-3600D)
IC904	8-759-202-74	IC TC74HC04N		L755	1-408-421-00	INDUCTOR	100UH (LDP-3600D)
IC906	8-759-245-55	IC TC4555BP		L757	1-410-521-11	INDUCTOR	100UH (LDP-3600D)
				L759	1-410-512-11	INDUCTOR	18UH (LDP-3600D)
				L801	1-408-421-00	INDUCTOR	100UH
<u>COIL</u>				L901	1-410-520-11	INDUCTOR	82UH
L101	1-410-515-11	INDUCTOR	33UH	L902	1-410-520-11	INDUCTOR	82UH
L102	1-410-522-11	INDUCTOR	120UH	L903	1-408-421-00	INDUCTOR	100UH
L103	1-410-521-11	INDUCTOR	100UH	L904	1-408-421-00	INDUCTOR	100UH
L104	1-410-521-11	INDUCTOR	100UH	L905	1-410-521-11	INDUCTOR	100UH
L105	1-410-521-11	INDUCTOR	100UH	L906	1-408-421-00	INDUCTOR	100UH
L106	1-410-521-11	INDUCTOR	100UH	L910	1-410-521-11	INDUCTOR	100UH

When indicating parts by reference number, please include the board name.

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
<u>TRANSISTOR</u>							
Q101	8-729-139-96	TRANSISTOR 2SC2785-HFE		Q752	8-729-119-76	TRANSISTOR 2SA1175-HFE (LDP-3600D)	
Q102	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q753	8-729-119-78	TRANSISTOR 2SC2785-HFE (LDP-3600D)	
Q103	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q754	8-729-119-76	TRANSISTOR 2SA1175-HFE (LDP-3600D)	
Q104	8-729-119-78	TRANSISTOR 2SA1175-HFE		Q755	8-729-218-43	TRANSISTOR 2SK184-GR (LDP-3600D)	
Q105	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q756	8-729-119-78	TRANSISTOR 2SC2785-HFE (LDP-3600D)	
Q106	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q757	8-729-119-76	TRANSISTOR 2SA1175-HFE (LDP-3600D)	
Q107	8-729-119-78	TRANSISTOR 2SA1175-HFE		Q758	8-729-119-78	TRANSISTOR 2SC2785-HFE (LDP-3600D)	
Q108	8-729-103-19	TRANSISTOR 2SA1206-K1		Q759	8-729-119-76	TRANSISTOR 2SA1175-HFE (LDP-3600D)	
Q109	8-729-190-12	TRANSISTOR 2SC2901-K		Q760	8-729-119-78	TRANSISTOR 2SC2785-HFE (LDP-3600D)	
Q110	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q801	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q111	8-729-119-76	TRANSISTOR 2SA1175-HFE		Q802	8-729-900-36	TRANSISTOR DTC124ES (LDP-3600D)	
Q112	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q803	8-729-119-78	TRANSISTOR 2SC2785-HFE (LDP-3600D)	
Q113	8-729-900-36	TRANSISTOR DTC124ES		Q804	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q114	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q805	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q115	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q806	8-729-658-32	TRANSISTOR 2SC1583-G	
Q116	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q807	8-729-658-32	TRANSISTOR 2SC1583-G	
Q117	8-729-900-63	TRANSISTOR DTA124ES		Q808	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q118	8-729-900-63	TRANSISTOR DTA124ES		Q809	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q119	8-729-900-80	TRANSISTOR DTC114ES		Q810	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q201	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q815	8-729-900-36	TRANSISTOR DTC124ES	
Q202	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q901	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q203	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q902	8-729-900-36	TRANSISTOR DTC124ES	
Q204	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q903	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q205	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q904	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q206	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q905	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q207	8-729-218-43	TRANSISTOR 2SK184-GR		Q906	8-729-900-36	TRANSISTOR DTC124ES	
Q208	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q907	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q209	8-729-218-43	TRANSISTOR 2SK184-GR		Q908	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q210	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q910	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q211	8-729-900-63	TRANSISTOR DTA124ES		Q913	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q301	8-729-119-78	TRANSISTOR 2SC2785-HFE (LDP-3600D)		Q914	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q601	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q915	8-729-119-78	TRANSISTOR 2SC2785-HFE	
<u>RESISTOR</u>							
Q701	8-729-119-78	TRANSISTOR 2SC2785-HFE		R101	1-249-417-11	CARBON	1K 5% 1/4W
Q702	8-729-119-76	TRANSISTOR 2SA1175-HFE		R102	1-249-417-11	CARBON	1K 5% 1/4W
Q703	8-729-119-78	TRANSISTOR 2SC2785-HFE		R103	1-247-903-00	CARBON	1M 5% 1/4W
Q704	8-729-218-43	TRANSISTOR 2SK184-GR		R104	1-249-417-11	CARBON	1K 5% 1/4W
Q705	8-729-119-78	TRANSISTOR 2SC2785-HFE		R105	1-249-413-11	CARBON	470 5% 1/4W
Q706	8-729-119-78	TRANSISTOR 2SC2785-HFE		R106	1-249-413-11	CARBON	470 5% 1/4W
Q707	8-729-119-78	TRANSISTOR 2SC2785-HFE		R107	1-249-421-11	CARBON	2.2K 5% 1/4W
Q708	8-729-119-78	TRANSISTOR 2SC2785-HFE		R108	1-249-417-11	CARBON	1K 5% 1/4W
Q709	8-729-119-78	TRANSISTOR 2SC2785-HFE		R109	1-249-417-11	CARBON	1K 5% 1/4W
Q710	8-729-119-78	TRANSISTOR 2SC2785-HFE		R110	1-249-417-11	CARBON	1K 5% 1/4W
Q711	8-729-119-76	TRANSISTOR 2SA1175-HFE		R111	1-249-417-11	CARBON	1K 5% 1/4W
Q712	8-729-119-78	TRANSISTOR 2SC2785-HFE		R112	1-249-420-11	CARBON	1.8K 5% 1/4W
Q713	8-729-119-78	TRANSISTOR 2SC2785-HFE		R113	1-249-420-11	CARBON	1.8K 5% 1/4W
Q714	8-729-119-78	TRANSISTOR 2SC2785-HFE		R114	1-249-417-11	CARBON	1K 5% 1/4W
Q715	8-729-119-78	TRANSISTOR 2SC2785-HFE		R115	1-249-419-11	CARBON	1.5K 5% 1/4W
Q716	8-729-119-78	TRANSISTOR 2SC2785-HFE		R116	1-249-417-11	CARBON	1K 5% 1/4W
Q717	8-729-119-78	TRANSISTOR 2SC2785-HFE		R117	1-249-421-11	CARBON	2.2K 5% 1/4W
Q718	8-729-119-76	TRANSISTOR 2SA1175-HFE		R118	1-249-413-11	CARBON	470 5% 1/4W
Q751	8-729-119-78	TRANSISTOR 2SC2785-HFE (LDP-3600D)		R119	1-249-415-11	CARBON	680 5% 1/4W

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Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
R120	1-249-423-11	CARBON	3.3K 5% 1/4W	R208	1-249-421-11	CARBON	2.2K 5% 1/4W
R121	1-249-417-11	CARBON	1K 5% 1/4W	R209	1-249-405-11	CARBON	100 5% 1/4W
R122	1-249-405-11	CARBON	100 5% 1/4W	R210	1-249-416-11	CARBON	820 5% 1/4W
R123	1-249-421-11	CARBON	2.2K 5% 1/4W	R211	1-249-416-11	CARBON	820 5% 1/4W
R126	1-249-441-11	CARBON	100K 5% 1/4W	R212	1-249-417-11	CARBON	1K 5% 1/4W
R127	1-249-437-11	CARBON	47K 5% 1/4W	R213	1-249-417-11	CARBON	1K 5% 1/4W
R128	1-249-436-11	CARBON	39K 5% 1/4W	R214	1-249-416-11	CARBON	820 5% 1/4W
R129	1-249-441-11	CARBON	100K 5% 1/4W	R215	1-249-421-11	CARBON	2.2K 5% 1/4W
R130	1-249-440-11	CARBON	82K 5% 1/4W	R216	1-249-419-11	CARBON	1.5K 5% 1/4W
R131	1-247-895-00	CARBON	470K 5% 1/4W	R217	1-249-417-11	CARBON	1K 5% 1/4W
R132	1-249-421-11	CARBON	2.2K 5% 1/4W	R218	1-210-821-00	CARBON	2.2M 5% 1/4W
R133	1-249-441-11	CARBON	100K 5% 1/4W	R219	1-249-413-11	CARBON	470 5% 1/4W
R134	1-247-895-00	CARBON	470K 5% 1/4W	R220	1-249-441-11	CARBON	100K 5% 1/4W
R135	1-249-434-11	CARBON	27K 5% 1/4W	R221	1-249-421-11	CARBON	2.2K 5% 1/4W
R136	1-249-434-11	CARBON	27K 5% 1/4W	R223	1-215-437-00	METAL	4.7K 1% 1/6W
R137	1-249-441-11	CARBON	100K 5% 1/4W	R224	1-249-425-11	CARBON	4.7K 5% 1/4W
R138	1-249-437-11	CARBON	47K 5% 1/4W	R225	1-249-417-11	CARBON	1K 5% 1/4W
R139	1-247-887-00	CARBON	220K 5% 1/4W	R226	1-249-417-11	CARBON	1K 5% 1/4W
R140	1-249-417-11	CARBON	1K 5% 1/4W	R227	1-249-425-11	CARBON	4.7K 5% 1/4W
R141	1-247-891-00	CARBON	330K 5% 1/4W	R228	1-249-422-11	CARBON	2.7K 5% 1/4W
R142	1-249-436-11	CARBON	39K 5% 1/4W	R229	1-249-425-11	CARBON	4.7K 5% 1/4W
R143	1-249-430-11	CARBON	12K 5% 1/4W	R230	1-249-419-11	CARBON	1.5K 5% 1/4W
R144	1-249-423-11	CARBON	3.3K 5% 1/4W	R231	1-249-417-11	CARBON	1K 5% 1/4W
R145	1-249-437-11	CARBON	47K 5% 1/4W	R232	1-249-413-11	CARBON	470 5% 1/4W
R146	1-249-438-11	CARBON	56K 5% 1/4W	R233	1-210-821-00	CARBON	2.2M 5% 1/4W
R147	1-249-417-11	CARBON	1K 5% 1/4W	R234	1-249-441-11	CARBON	100K 5% 1/4W
R148	1-249-441-11	CARBON	100K 5% 1/4W	R235	1-249-421-11	CARBON	2.2K 5% 1/4W
R149	1-249-441-11	CARBON	100K 5% 1/4W	R236	1-249-425-11	CARBON	4.7K 5% 1/4W
R150	1-249-430-11	CARBON	12K 5% 1/4W	R237	1-249-424-11	CARBON	3.9K 5% 1/4W
R151	1-247-891-00	CARBON	330K 5% 1/4W	R238	1-249-424-11	CARBON	3.9K 5% 1/4W
R152	1-247-881-00	CARBON	120K 5% 1/4W	R239	1-249-425-11	CARBON	4.7K 5% 1/4W
R153	1-249-404-00	CARBON	82 5% 1/4W	R240	1-249-441-11	CARBON	100K 5% 1/4W
R154	1-247-891-00	CARBON	330K 5% 1/4W	R241	1-249-429-11	CARBON	10K 5% 1/4W
R155	1-215-432-00	METAL	3K 1% 1/6W	R242	1-249-425-11	CARBON	4.7K 5% 1/4W
R156	1-215-458-00	METAL	36K 1% 1/6W	R243	1-249-441-11	CARBON	100K 5% 1/4W
R157	1-215-479-00	METAL	270K 1% 1/6W	R244	1-247-883-00	CARBON	150K 5% 1/4W
R158	1-215-473-00	METAL	150K 1% 1/6W	R245	1-247-883-00	CARBON	150K 5% 1/4W
R159	1-249-431-11	CARBON	15K 5% 1/4W	R246	1-249-417-11	CARBON	1K 5% 1/4W
R160	1-215-459-00	METAL	39K 1% 1/6W	R247	1-215-395-00	METAL	82 1% 1/6W
R161	1-215-455-00	METAL	27K 1% 1/6W	R248	1-249-405-11	CARBON	100 5% 1/4W
R165	1-247-887-00	CARBON	220K 5% 1/4W	R251	1-249-435-11	CARBON	33K 5% 1/4W
R166	1-249-441-11	CARBON	100K 5% 1/4W	R252	1-249-429-11	CARBON	10K 5% 1/4W
R167	1-249-423-11	CARBON	3.3K 5% 1/4W	R253	1-249-437-11	CARBON	47K 5% 1/4W
R168	1-247-887-00	CARBON	220K 5% 1/4W	R254	1-249-429-11	CARBON	10K 5% 1/4W
R169	1-249-441-11	CARBON	100K 5% 1/4W	R255	1-249-417-11	CARBON	1K 5% 1/4W
R170	1-249-423-11	CARBON	3.3K 5% 1/4W	R256	1-249-441-11	CARBON	100K 5% 1/4W
R201	1-249-415-11	CARBON	680 5% 1/4W	R257	1-249-413-11	CARBON	470 5% 1/4W
R202	1-249-423-11	CARBON	3.3K 5% 1/4W	R258	1-249-435-11	CARBON	33K 5% 1/4W
R203	1-249-417-11	CARBON	1K 5% 1/4W	R259	1-249-437-11	CARBON	47K 5% 1/4W
R204	1-249-401-11	CARBON	47 5% 1/4W	R260	1-249-429-11	CARBON	10K 5% 1/4W
R205	1-249-418-11	CARBON	1.2K 5% 1/4W	R261	1-249-429-11	CARBON	10K 5% 1/4W
R206	1-249-414-11	CARBON	560 5% 1/4W	R262	1-249-417-11	CARBON	1K 5% 1/4W
R207	1-249-399-11	CARBON	33 5% 1/4W	R263	1-249-441-11	CARBON	100K 5% 1/4W

When indicating parts by reference number, please include the board name.

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
R264	1-249-422-11	CARBON	2.7K 5% 1/4W	R725	1-249-427-11	CARBON	6.8K 5% 1/4W
R265	1-249-411-11	CARBON	330 5% 1/4W	R726	1-249-419-11	CARBON	1.5K 5% 1/4W
R266	1-247-891-00	CARBON	330K 5% 1/4W	R727	1-249-413-11	CARBON	470 5% 1/4W
R267	1-249-419-11	CARBON	1.5K 5% 1/4W	R728	1-249-399-11	CARBON	33 5% 1/4W
R268	1-249-412-11	CARBON	390 5% 1/4W	R729	1-249-415-11	CARBON	680 5% 1/4W
R269	1-247-899-11	CARBON	680K 5% 1/4W	R730	1-249-419-11	CARBON	1.5K 5% 1/4W
R270	1-249-433-11	CARBON	22K 5% 1/4W	R731	1-249-429-11	CARBON	10K 5% 1/4W
R271	1-249-431-11	CARBON	15K 5% 1/4W	R732	1-249-417-11	CARBON	1K 5% 1/4W
R272	1-249-435-11	CARBON	33K 5% 1/4W	R733	1-249-417-11	CARBON	1K 5% 1/4W
R273	1-249-431-11	CARBON	15K 5% 1/4W	R734	1-249-415-11	CARBON	680 5% 1/4W
R274	1-249-413-11	CARBON	470 5% 1/4W	R735	1-249-417-11	CARBON	1K 5% 1/4W
R275	1-249-417-11	CARBON	1K 5% 1/4W	R736	1-249-417-11	CARBON	1K 5% 1/4W
R276	1-249-425-11	CARBON	4.7K 5% 1/4W	R737	1-249-418-11	CARBON	1.2K 5% 1/4W
R301	1-247-830-11	CARBON	910 5% 1/4W (LDP-3600D)	R738	1-249-419-11	CARBON	1.5K 5% 1/4W
R310	1-249-421-11	CARBON	2.2K 5% 1/4W (LDP-3600D)	R739	1-249-416-11	CARBON	820 5% 1/4W
R311	1-249-417-11	CARBON	1K 5% 1/4W (LDP-3600D)	R740	1-249-429-11	CARBON	10K 5% 1/4W
R312	1-249-417-11	CARBON	1K 5% 1/4W (LDP-3600D)	R741	1-249-421-11	CARBON	2.2K 5% 1/4W
R603	1-249-421-11	CARBON	2.2K 5% 1/4W	R742	1-249-440-11	CARBON	82K 5% 1/4W
R604	1-249-421-11	CARBON	2.2K 5% 1/4W	R743	1-249-433-11	CARBON	22K 5% 1/4W
R605	1-215-426-00	METAL	1.6K 1% 1/6W	R745	1-249-426-11	CARBON	5.6K 5% 1/4W
R606	1-249-422-11	CARBON	2.7K 5% 1/4W	R746	1-249-421-11	CARBON	2.2K 5% 1/4W
R607	1-249-425-11	CARBON	4.7K 5% 1/4W	R747	1-249-419-11	CARBON	1.5K 5% 1/4W
R608	1-249-429-11	CARBON	10K 5% 1/4W	R748	1-249-417-11	CARBON	1K 5% 1/4W
R610	1-247-881-00	CARBON	120K 5% 1/4W	R749	1-249-407-11	CARBON	150 5% 1/4W
R611	1-249-428-11	CARBON	8.2K 5% 1/4W	R751	1-249-410-11	CARBON	270 5% 1/4W (LDP-3600D)
R612	1-249-429-11	CARBON	10K 5% 1/4W	R752	1-249-440-11	CARBON	82K 5% 1/4W (LDP-3600D)
R614	1-247-897-11	CARBON	560K 5% 1/4W	R753	1-249-433-11	CARBON	22K 5% 1/4W (LDP-3600D)
R615	1-247-897-11	CARBON	560K 5% 1/4W	R754	1-249-415-11	CARBON	680 5% 1/4W (LDP-3600D)
R616	1-247-897-11	CARBON	560K 5% 1/4W	R755	1-249-415-11	CARBON	680 5% 1/4W (LDP-3600D)
R617	1-247-897-11	CARBON	560K 5% 1/4W	R756	1-249-421-11	CARBON	2.2K 5% 1/4W (LDP-3600D)
R701	1-249-413-11	CARBON	470 5% 1/4W	R757	1-249-407-11	CARBON	150 5% 1/4W (LDP-3600D)
R702	1-249-413-11	CARBON	470 5% 1/4W	R758	1-249-429-11	CARBON	10K 5% 1/4W (LDP-3600D)
R703	1-249-421-11	CARBON	2.2K 5% 1/4W	R759	1-249-429-11	CARBON	10K 5% 1/4W (LDP-3600D)
R704	1-249-421-11	CARBON	2.2K 5% 1/4W	R760	1-249-429-11	CARBON	10K 5% 1/4W (LDP-3600D)
R705	1-249-414-11	CARBON	560 5% 1/4W	R761	1-249-429-11	CARBON	10K 5% 1/4W (LDP-3600D)
R706	1-249-418-11	CARBON	1.2K 5% 1/4W	R762	1-249-425-11	CARBON	4.7K 5% 1/4W (LDP-3600D)
R707	1-249-437-11	CARBON	47K 5% 1/4W	R763	1-249-429-11	CARBON	10K 5% 1/4W (LDP-3600D)
R708	1-249-431-11	CARBON	15K 5% 1/4W	R764	1-249-417-11	CARBON	1K 5% 1/4W (LDP-3600D)
R709	1-249-417-11	CARBON	1K 5% 1/4W	R765	1-247-903-00	CARBON	1M 5% 1/4W (LDP-3600D)
R710	1-249-417-11	CARBON	1K 5% 1/4W	R766	1-249-411-11	CARBON	330 5% 1/4W (LDP-3600D)
R711	1-249-425-11	CARBON	4.7K 5% 1/4W	R767	1-247-895-00	CARBON	470K 5% 1/4W (LDP-3600D)
R712	1-249-417-11	CARBON	1K 5% 1/4W	R768	1-249-435-11	CARBON	33K 5% 1/4W (LDP-3600D)
R713	1-249-421-11	CARBON	2.2K 5% 1/4W	R769	1-249-435-11	CARBON	33K 5% 1/4W (LDP-3600D)
R714	1-247-903-00	CARBON	1M 5% 1/4W	R770	1-249-433-11	CARBON	22K 5% 1/4W (LDP-3600D)
R716	1-249-417-11	CARBON	1K 5% 1/4W	R771	1-249-433-11	CARBON	22K 5% 1/4W (LDP-3600D)
R717	1-249-417-11	CARBON	1K 5% 1/4W	R772	1-249-418-11	CARBON	1.2K 5% 1/4W (LDP-3600D)
R718	1-249-414-11	CARBON	560 5% 1/4W	R773	1-249-421-11	CARBON	2.2K 5% 1/4W (LDP-3600D)
R719	1-249-417-11	CARBON	1K 5% 1/4W	R774	1-247-891-00	CARBON	330K 5% 1/4W (LDP-3600D)
R720	1-249-417-11	CARBON	1K 5% 1/4W	R775	1-249-429-11	CARBON	10K 5% 1/4W (LDP-3600D)
R721	1-249-418-11	CARBON	1.2K 5% 1/4W	R776	1-249-433-11	CARBON	22K 5% 1/4W (LDP-3600D)
R722	1-249-429-11	CARBON	10K 5% 1/4W	R777	1-249-435-11	CARBON	33K 5% 1/4W (LDP-3600D)
R723	1-249-417-11	CARBON	1K 5% 1/4W	R778	1-249-428-11	CARBON	8.2K 5% 1/4W (LDP-3600D)
R724	1-249-418-11	CARBON	1.2K 5% 1/4W	R779	1-249-413-11	CARBON	470 5% 1/4W (LDP-3600D)

When indicating parts by reference number, please include the board name.

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark		
R780	1-249-417-11	CARBON	1K 5% 1/4W (LDP-3600D)	R908	1-249-418-11	CARBON	1.2K 5% 1/4W		
R781	1-249-413-11	CARBON	470 5% 1/4W (LDP-3600D)	R909	1-249-422-11	CARBON	2.7K 5% 1/4W		
R782	1-249-417-11	CARBON	1K 5% 1/4W (LDP-3600D)	R910	1-249-422-11	CARBON	2.7K 5% 1/4W		
R783	1-247-881-00	CARBON	120K 5% 1/4W (LDP-3600D)	R911	1-249-418-11	CARBON	1.2K 5% 1/4W		
R784	1-249-437-11	CARBON	47K 5% 1/4W (LDP-3600D)	R912	1-249-441-11	CARBON	100K 5% 1/4W		
R785	1-249-431-11	CARBON	15K 5% 1/4W (LDP-3600D)	R913	1-247-903-00	CARBON	1M 5% 1/4W		
R786	1-249-415-11	CARBON	680 5% 1/4W (LDP-3600D)	R914	1-249-438-11	CARBON	56K 5% 1/4W		
R787	1-249-413-11	CARBON	470 5% 1/4W (LDP-3600D)	R915	1-249-419-11	CARBON	1.5K 5% 1/4W		
R788	1-249-423-11	CARBON	3.3K 5% 1/4W (LDP-3600D)	R916	1-249-419-11	CARBON	1.5K 5% 1/4W		
R789	1-249-441-11	CARBON	100K 5% 1/4W (LDP-3600D)	R917	1-249-419-11	CARBON	1.5K 5% 1/4W		
R790	1-249-441-11	CARBON	100K 5% 1/4W (LDP-3600D)	R918	1-249-438-11	CARBON	56K 5% 1/4W		
R794	1-249-422-11	CARBON	2.7K 5% 1/4W (LDP-3600D)	R919	1-247-887-00	CARBON	220K 5% 1/4W		
R796	1-249-434-11	CARBON	27K 5% 1/4W (LDP-3600D)	R920	1-249-418-11	CARBON	1.2K 5% 1/4W		
R797	1-249-414-11	CARBON	560 5% 1/4W (LDP-3600D)	R921	1-249-413-11	CARBON	470 5% 1/4W		
R801	1-249-438-11	CARBON	56K 5% 1/4W	R924	1-249-408-11	CARBON	180 5% 1/4W		
R802	1-249-424-11	CARBON	3.9K 5% 1/4W	R925	1-249-413-11	CARBON	470 5% 1/4W		
R803	1-249-417-11	CARBON	1K 5% 1/4W (LDP-3600D)	R927	1-249-408-11	CARBON	180 5% 1/4W		
R804	1-249-410-11	CARBON	270 5% 1/4W (LDP-3600D)	R929	1-247-903-00	CARBON	1M 5% 1/4W		
R805	1-249-417-11	CARBON	1K 5% 1/4W (LDP-3600D)	R930	1-249-413-11	CARBON	470 5% 1/4W		
R806	1-249-415-11	CARBON	680 5% 1/4W	R932	1-249-437-11	CARBON	47K 5% 1/4W		
R807	1-249-411-11	CARBON	330 5% 1/4W	R933	1-249-418-11	CARBON	1.2K 5% 1/4W		
R808	1-249-417-11	CARBON	1K 5% 1/4W	R934	1-249-429-11	CARBON	10K 5% 1/4W		
R809	1-249-414-11	CARBON	560 5% 1/4W	R937	1-249-405-11	CARBON	100 5% 1/4W		
R810	1-249-408-11	CARBON	180 5% 1/4W	R938	1-249-411-11	CARBON	330 5% 1/4W		
R811	1-249-425-11	CARBON	4.7K 5% 1/4W	R940	1-249-433-11	CARBON	22K 5% 1/4W		
R812	1-249-409-11	CARBON	220 5% 1/4W	R941	1-249-433-11	CARBON	22K 5% 1/4W		
R813	1-249-409-11	CARBON	220 5% 1/4W	R942	1-249-409-11	CARBON	220 5% 1/4W		
R814	1-249-409-11	CARBON	220 5% 1/4W	<u>VARIABLE RESISTOR</u>					
R815	1-249-409-11	CARBON	220 5% 1/4W	RV101	1-228-994-00	RES, ADJ, CARBON	10K		
R816	1-249-416-11	CARBON	820 5% 1/4W	RV102	1-228-991-00	RES, ADJ, CARBON	2.2K		
R817	1-249-433-11	CARBON	22K 5% 1/4W	RV103	1-228-995-00	RES, ADJ, CARBON	22K		
R818	1-249-435-11	CARBON	33K 5% 1/4W	RV201	1-228-995-00	RES, ADJ, CARBON	22K		
R819	1-249-409-11	CARBON	220 5% 1/4W	RV202	1-228-995-00	RES, ADJ, CARBON	22K		
R820	1-249-424-11	CARBON	3.9K 5% 1/4W	RV701	1-228-990-00	RES, ADJ, CARBON	1K		
R821	1-249-413-11	CARBON	470 5% 1/4W	RV703	1-228-989-00	RES, ADJ, CARBON	470		
R822	1-249-413-11	CARBON	470 5% 1/4W	RV704	1-228-989-00	RES, ADJ, CARBON	470		
R823	1-249-412-11	CARBON	390 5% 1/4W	RV705	1-228-990-00	RES, ADJ, CARBON	1K		
R824	1-249-429-11	CARBON	10K 5% 1/4W	RV706	1-228-990-00	RES, ADJ, CARBON	1K (LDP-3600D)		
R825	1-249-417-11	CARBON	1K 5% 1/4W	<u>CRYSTAL</u>					
R826	1-249-430-11	CARBON	12K 5% 1/4W	X701	1-567-652-11	VIBRATOR, CRYSTAL	(13.3MHz)		
R828	1-249-426-11	CARBON	5.6K 5% 1/4W	X901	1-527-722-00	OSCILLATOR, CRYSTAL	(14.3MHz)		
R829	1-249-418-11	CARBON	1.2K 5% 1/4W	X902	1-567-344-21	VIBRATOR, CRYSTAL (VCO)	(17.7MHz)		
R835	1-249-433-11	CARBON	22K 5% 1/4W	*****					
R836	1-249-434-11	CARBON	27K 5% 1/4W						
R837	1-249-434-11	CARBON	27K 5% 1/4W						
R838	1-249-422-11	CARBON	2.7K 5% 1/4W						
R901	1-249-429-11	CARBON	10K 5% 1/4W						
R902	1-249-429-11	CARBON	10K 5% 1/4W						
R903	1-249-418-11	CARBON	1.2K 5% 1/4W						
R904	1-249-422-11	CARBON	2.7K 5% 1/4W						
R905	1-249-422-11	CARBON	2.7K 5% 1/4W						
R906	1-249-429-11	CARBON	10K 5% 1/4W						
R907	1-249-429-11	CARBON	10K 5% 1/4W						

When indicating parts by reference number, please include the board name.

AC-46

MD-40

MD-41

MD-39

**SW-103**

SW-104

**SW-105**

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
	*1-630-492-11	AC-46 BOARD (Ref.No 1,000 Series) *****			*1-620-235-11	MD-39 BOARD (Ref.No 1,000 Series) *****	
	△1-533-189-11	HOLDER, FUSE				<u>CAPACITOR</u>	
	*3-701-946-12	LABEL (1.6A250V), FUSE (US)		C801	1-161-494-00	CERAMIC	0.022MF 25V
		<u>CAPACITOR</u>				<u>CONNECTOR</u>	
C021	△.1-136-212-12	FILM 0.1MF	20% 250V	CN801	*1-560-890-00	PIN, CONNECTOR 2P	
		<u>FUSE</u>				<u>MOTOR</u>	
F021	△ 1-532-259-11	FUSE, TIME-LAG T1.6A 250V (LDP-3300P/3600D: AEP/UK)		M904	1-541-505-11	MOTOR, DC (NBS2B01) (SLIDE)	
F021	△.1-532-824-11	FUSE, GLASS TUBE (1.6A 250V) (LDP-3600D: US)					
		<u>CONNECTOR</u>					
CN021	△1-564-419-11	HEADER, SPRING (POWER) 2P			*1-630-494-11	SW-103 BOARD (Ref.No 1,000 Series) *****	
CN022	△1-506-371-00	PIN, CONNECTOR 2P				<u>DIODE</u>	
CN023	△1-564-420-11	HEADER, SPRING (POWER) 3P		D201	8-719-939-05	GP1S54	
		<u>RESISTOR</u>		R201	1-249-407-11	CARBON	150 5% 1/4W
R021	△.1-202-663-31	SOLID 5.6M 10%	1/2W				
		<u>FILTER</u>					
T021	△.1-421-771-11	FILTER, LINE			*1-630-495-11	SW-104 BOARD (Ref.No 1,000 Series) *****	
						<u>DIODE</u>	
		*1-620-236-11 MD-40 BOARD (Ref.No 1,000 Series) *****		D202	8-719-920-74	DIODE EE-SF5-B	
		<u>CAPACITOR</u>		D203	8-719-920-74	DIODE EE-SF5-B	
C802	1-161-494-00	CERAMIC 0.022MF	25V				
		<u>CONNECTOR</u>					
CN802	*1-560-890-00	PIN, CONNECTOR 2P			*1-630-496-11	SW-105 BOARD (Ref.No 1,000 Series) *****	
						<u>DIODE</u>	
		*1-620-237-11 MD-41 BOARD (Ref.No 1,000 Series) *****		D204	8-719-950-63	DIODE GP1S17	
		<u>CAPACITOR</u>		D205	8-719-950-63	DIODE GP1S17	
C803	1-161-494-00	CERAMIC 0.022MF	25V	D206	8-719-950-63	DIODE GP1S17	
C804	1-126-233-11	ELECT 22MF	20% 25V				
		<u>CONNECTOR</u>					
CN803	*1-560-892-00	PIN, CONNECTOR 4P					
		<u>IC</u>					
IC801	8-759-962-08	IC BA6208					
		<u>RESISTOR</u>					
R801	1-247-731-11	CARBON 22 5% 1/2W F					

When indicating parts by reference number, please include the board name.

**Note:** The components identified by mark or dotted line with mark are critical for safety.  
Replace only with part number specified.

**DC-15****DC-19****DC-20****SW-112****PW-63****PW-64****PW-68**

<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
	*1-630-488-11	DC-15 BOARD (Ref.No 4,000 Series)	*****			MISCELLANEOUS	*****
		TRANSISTOR				▲.1-560-222-11 INLET 3P	
Q704	8-729-804-68	TRANSISTOR 2SB1133-S				3-728-433-03 SHUTTER, SWITCH, O/C	
		*****		J901	1-507-195-21	DEVICE, OPTICS KSC-120A	
	*1-630-489-11	DC-19 BOARD (Ref.No 4,000 Series)	*****	M901	A-6491-037-A	SPECIAL REMOTE CONTROL JACK	
		TRANSISTOR				MOTOR ASSY, SPINDLE	
Q705	8-729-804-17	TRANSISTOR 2SD1666-R				M902 X-3713-206-1 MOTOR BLOCK ASSY, SKEW	
	*****			M903 X-3713-208-1		MOTOR ASSY, LD (LOADING)	
	*1-630-490-11	DC-20 BOARD (Ref.No 4,000 Series)	*****	PT041	1-449-667-11	TRANSFORMER, POWER	
Q706	8-729-804-68	TRANSISTOR 2SB1133-S		S051	▲.1-554-933-11	SELECTOR, VOLTAGE (LDP-3600D)	
	*****	TRANSISTOR		S301	1-570-810-11	SWITCH, PUSH (1 KEY) (CHUCK)	
	*1-630-497-11	SW-112 BOARD (Ref.No 1,000 Series)	*****	SW061	▲.1-570-173-11	SELECTOR, VOLTAGE CHANGE (LDP-3300P)	
		DIODE				*****	
D207	8-719-939-05	DIODE GP1S54				ACCESSORIES AND PACKING MATERIALS	*****
D208	8-719-939-05	DIODE GP1S54				*****	
		RESISTOR				Part No.	Description
R208	1-249-407-11	CARBON	150	5%	1/4W	▲.1-551-812-00	CORD, POWER (LDP-3600D: US)
R209	1-249-429-11	CARBON	10K	5%	1/4W	▲.1-556-760-11	CORD, POWER (3 CORE) (LDP-3300P/3600D: AEP/UK)
R210	1-249-407-11	CARBON	150	5%	1/4W	3-701-625-00	BAG, POLYETHYLENE
R211	1-249-429-11	CARBON	10K	5%	1/4W	*3-728-450-01	CUSHION (UPPER)
	*****			*3-728-451-01	CUSHION (LOWER)		
	*1-630-499-11	PW-63 BOARD (Ref.No 8,000 Series)	*****			*3-728-452-01	INDIVIDUAL CARTON (LDP-3300P)
		CONNECTOR				*3-728-452-11	INDIVIDUAL CARTON (LDP-3600D)
CN041	▲1-564-420-11	HEADER, SPRING (POWER) 3P				3-750-065-13	MANUAL, INSTRUCTION (LDP-3300P) (English, French, German)
	*****					3-750-066-13	MANUAL, INSTRUCTION (LDP-3600D: AEP/UK) (English, French, German)
	*1-630-500-11	PW-64 BOARD (Ref.No 3,000 Series)	*****			3-750-066-21	MANUAL, INSTRUCTION (LDP-3600D: US) (English, French)
		(LDP-3600D)				*****	
	*1-630-503-11	PW-68 BOARD (Ref.No 3,000 Series)	*****				HARDWARE LIST
		(LDP-3300P)					*****
							7-628-254-30 +PSW, 2.6X10
							SCREW
							7-621-772-08 SCREW +B 2X3
							7-682-548-04 SCREW +P 3X8
							7-682-547-04 SCREW +B 3X6
							7-682-560-04 SCREW +B 4X6
							7-682-647-09 SCREW +PSW 3X6
							7-682-661-09 SCREW +PSW 4X8
							7-685-645-79 SCREW +BVTP 3X6 TYPE2 IT-3
							7-685-646-79 SCREW +BVTP 3X8 TYPE2 IT-3
							7-685-648-79 SCREW +BVTP 3X12 TYPE2 IT-3
							*****

When indicating parts by reference number, please include the board name.

Note: The components identified by mark ▲ or dotted line with mark △ are critical for safety. Replace only with part number specified.

## SECTION 7

### ELECTRICAL ADJUSTMENTS

See adjusting elements location diagram on page 126 for the adjustments.

#### 7-1. MEASUREMENT TOOL

- Oscilloscope
- Color monitor TV (PAL)
- Color monitor TV (NTSC) (LDP-3600D)
- Digital voltmeter
- Audio level meter
- Frequency counter
- Remote control unit (RM-2001)
- Servo checker Jig (J-6166-370-A)
- Alignment disc REF1P-12CAD (8-847-017-00)
- Alignment disc REF5C-6Z079 (8-847-018-00) (LDP-3600D)
- Signal generator
- Connection harness (J-6082-068-A)

#### 7-2. CAUTIONS ON ADJUSTMENT

- Do not open or close the disc table while standing up the player on its side. (Do not press the OPEN button.)
- When standing the player up, set the right side, facing the front panel, downward and turn OFF the power supply.

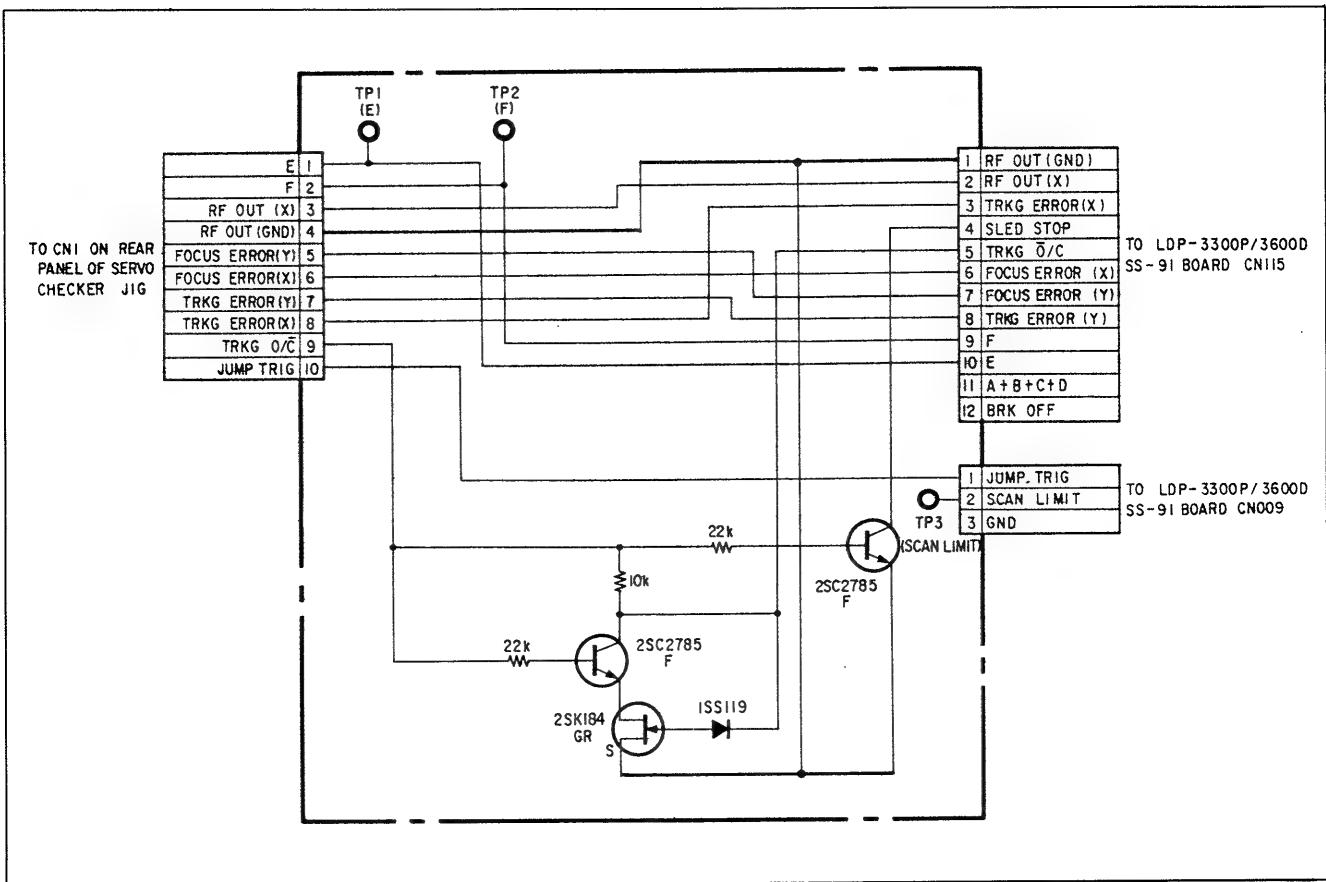
#### 7-3. SERVO CHECKER JIG

The servo checker jig is used for focus and tracking servo adjustments.

- SERVO CHECKER jig (J-6166-370-A)
- Connection harness (J-6082-068-A)

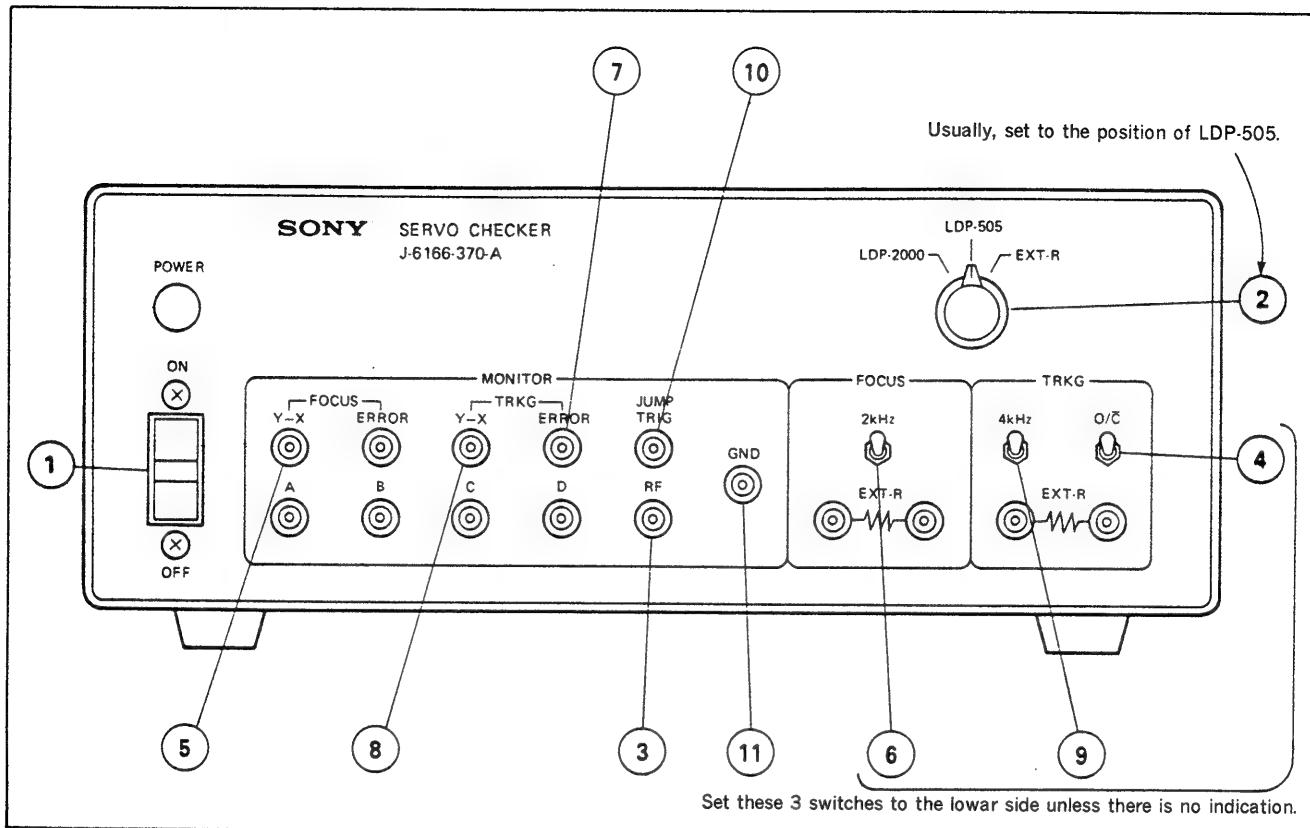
##### 7-3-1. Connection harness

- 1) Connect the connection harness as shown in the following figure.



CONNECTION HARNESS SCHEMATIC DIAGRAM

### 7-3-2. Terminals and Switches



- ①POWER switch
- ②Mode selector ..... Set to LDP-505 during adjustment.
- ③RF terminal ..... Connect oscilloscope during focus offset adjustment and RF level one.
- ④TRKG O/C switch ..... Set to O (open) only during tracking offset adjustment and to C (close) during other adjustments.
- ⑤FOCUS Y-X terminal ..... Connect oscilloscope during focus gain adjustment.
- ⑥FOCUS 2kHz switch ..... Turn it on during FOCUS gain adjustment and to off during other adjustments.
- ⑦TRKG ERROR terminal ..... Connect oscilloscope during tracking offset adjustment and tract jump adjustment.
- ⑧TRKG Y-X terminal ..... Connect oscilloscope during tracking gain adjustment.
- ⑨TRKG 4kHz switch ..... Turn it on during tracking gain adjustment and to off during other adjustments.
- ⑩JUMP TRIG terminal ..... Connect oscilloscope during track jump adjustment. (Triggered at TRKG jump)
- ⑪GND terminal

### 7-4. ALIGNMENT DISC (LDP-3600D NTSC SYSTEM)

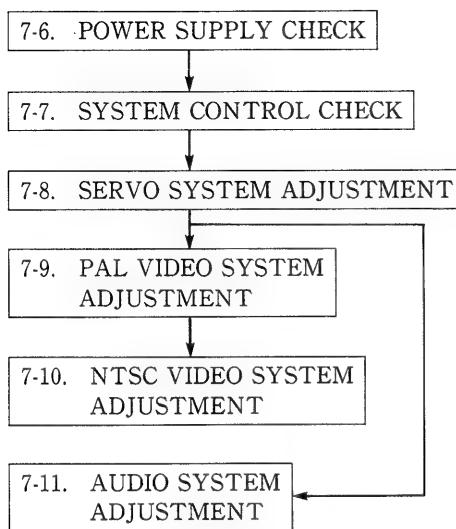
Standard disc for adjusting this machine is REF5C-6Z079 (8-847-018-00), whereas, the adjusting items without particular notice can be adjusted by the following alignment disc.

REF5A-12CAD  
REF5B-6Z079 } (8-847-018-00)

For the adjusting items with notices, follow those indications.

## 7-5. ADJUSTMENT SEQUENCE

Make adjustment in the following sequence.



**Note:** For the following items to be adjusted, make adjustment on only LDP-3600D.

On LDP-3300P, make adjustment by skipping the items.

7-10. NTSC VIDEO SYSTEM ADJUSTMENT

7-11-2. NTSC Audio Output Level Adjustment

## 7-6. POWER SUPPLY CHECK (DC-14 BOARD)

### 7-6-1. Power Supply Voltage Check

Mode	No disc
Measurement instrument	Digital voltmeter
UNREG +14V CHECK	
Measurement point	Pin ① of CN003 (GND: Pin ⑦ of CN003)
Specified value	+16.5±1.0Vdc
UNREG -14V CHECK	
Measurement point	Pin ⑩ of CN003 (GND: Pin ⑦ of CN003)
Specified value	-16.5±1.0Vdc
REG +12V CHECK	
Measurement point	Pin ③ of CN003 (GND: Pin ⑦ of CN003)
Specified value	+11.6±0.2Vdc
REG +9V CHECK	
Measurement point	Pin ④ of CN003 (GND: Pin ⑦ of CN003)
Specified value	+9.2±0.2Vdc
REG -9V CHECK	
Measurement point	Pin ⑨ of CN003 (GND: Pin ⑦ of CN003)
Specified value	-9.1±0.3Vdc
REG +5V CHECK	
Measurement point	Pin ⑤ of CN003 (GND: Pin ⑦ of CN003)
Specified value	+5.2±0.1Vdc
REG -5V CHECK	
Measurement point	Pin ⑧ of CN003 (GND: Pin ⑦ of CN003)
Specified value	-5.1±0.1Vdc

#### [Checking procedure]

- 1) Each power supply voltage shall fulfill the specified value.

DC-14 BOARD(COMPONENT SIDE)

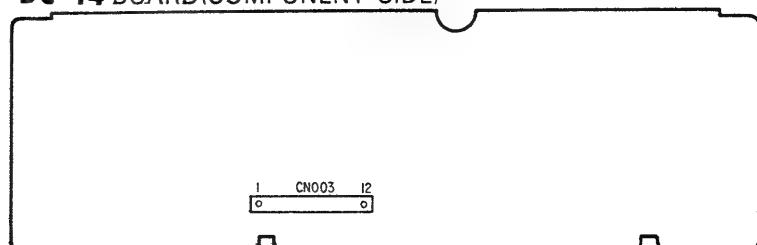


Fig. 7-1.

## 7-7. SYSTEM CONTROL CHECK (SS-91 BOARD)

### 7-7-1. 500kHz Clock Check

Mode	FWD play
Signal	REF1P
Measurement point	Pin ② of IC313
Measurement instrument	Frequency counter
Specified value	$500 \pm 20\text{kHz}$

**Note :** Connect the frequency counter through a buffer amplifier (Oscilloscope, etc.) of high input impedance ( $1M\Omega$  or more) and low capacity ( $10\text{pF}$  or less).

#### [Adjustment procedure]

- 1) Set the unit into FWD play mode.
- 2) Check that the frequency is  $500 \pm 20\text{kHz}$ .

### 7-7-2. Baud Rate Clock Check

Mode	FWD play
Signal	REF1P
Measurement point	Pin ⑤ of IC905
Measurement instrument	Frequency counter
Specified value	$19.2 \pm 1.0\text{kHz}$

**Note :** Connect the frequency counter through a buffer amplifier (Oscilloscope, etc.) of high input impedance ( $1M\Omega$  or more) and low capacity ( $10\text{pF}$  or less).

#### [Adjustment procedure]

- 1) Set the unit into FWD play mode.
- 2) Check that the frequency is  $19.2 \pm 1.0\text{kHz}$ .

## 7-8. SERVO SYSTEM ADJUSTMENT (SS-91 BOARD)

### 7-8-1. PAL REF-H Delay Adjustment (SS-91 Board)

Mode	FWD play
Signal	REF1P
Measurement point	CH1: Pin ⑤ of IC106 CH2: Pin ⑥ of IC106 Trig.: CH1
Measurement instrument	Oscilloscope
Adjusting element	RV101
Specified value	$\Delta t = 32 \pm 2\mu\text{s}$

#### [Adjustment procedure]

- 1) Adjust with RV101 so that the  $\Delta t$  value becomes  $32 \pm 2\mu\text{s}$ .

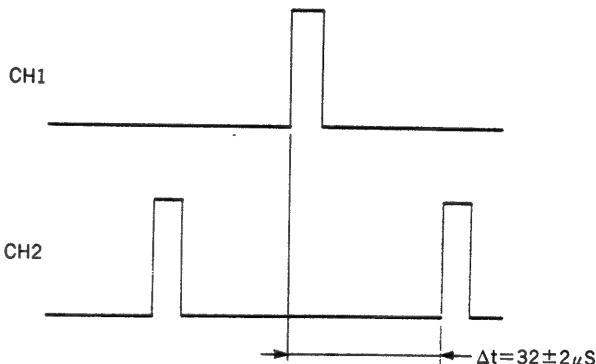


Fig. 7-2.

### 7-8-2. Tracking Drive Offset Adjustment (SS-91 Board)

Mode	Power ON (No disc)
Signal	No disc
Measurement point	Connection Harness TP3 (Pin ② of CN009)
Measurement instrument	Oscilloscope (DC range)
Adjusting element	RV201
Specified value	$0 \pm 10\text{mVdc}$

#### [Adjustment procedure]

- 1) Set the unit into Power ON mode.
- 2) Adjust for  $0 \pm 10\text{mVdc}$  with RV201.

### 7-8-3. RD Adjustment (MAIN CHASSIS)

Mode	Still
Signal	REF1P, frame 12000
Measurement point	CH1 : Pin ⑨ of CN115 (SS-91) CH2 : Pin ⑩ of CN115 (SS-91)
Measurement instrument	Oscilloscope (X-Y MODE)
Adjusting element	Guide B ADJ claw
Specified value	A : B=1: 3

#### [Adjustment procedure]

- 1) Perform searching of frame 12000. (Press [SEARCH] **1 2 0 0 0 ENTER** of remote control unit.)
- 2) Release the claw A.
- 3) Open tracking servo. (Set TRKG O/C switch of servo checker to O(open) side.)
- 4) Adjust guide B ADJ claw for A : B=1: 3.
- 5) Turn claw A clockwise for 90°, and lock.
- 6) Close the tracking servo, and search the frame 12000, and confirm that the output waveform which trails in the right upper direction. (Refer to Fig. 7-5.) (if the waveform trails in the lower left direction, repeat it by returning to 1.)

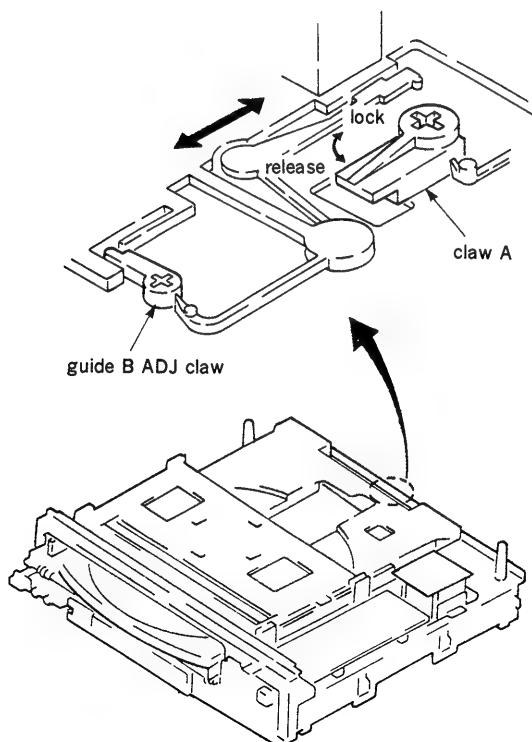
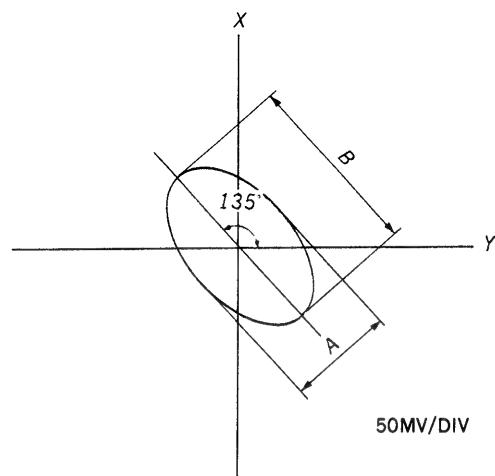


Fig. 7-3.



A : B=1: 3

Fig. 7-4.

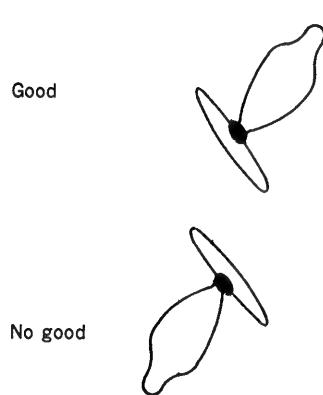


Fig. 7-5.

#### 7-8-4. Skew Adjustment (SS-91 Board)

Mode	Still
Signal	REF1P, frame 31000
Measurement point	Pin ② of CN115
Measurement instrument	Oscilloscope
Adjusting element	RV304
Specified value	Maximum

##### [Adjustment procedure]

- 1) Perform searching of frame 31000. (Press [SEARCH] 3 1 0 0 0 [ENTER] of remote control unit.)
- 2) Maximize the RF output waveform level with RV304.

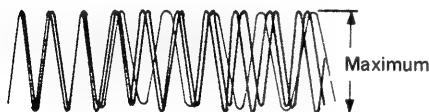


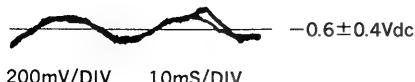
Fig. 7-6.

#### 7-8-5. Focus Gain Adjustment (SS-91 Board)

Mode	Still
Signal	REF1P, frame 15001
Measurement point	FOCUS Y-X terminal (servo checker)
Measurement instrument	Oscilloscope (DC range)
Adjusting element	RV303
Specified value	$-0.6 \pm 0.4$ Vdc

##### [Adjustment procedure]

- 1) Perform searching of frame 15001. (Press [SEARCH] 1 5 0 0 1 [ENTER] of remote control unit.)
- 2) Turn on the FOCUS 2kHz switch of servo checker.
- 3) Adjust with RV303 so that average value of waveform becomes  $-0.6 \pm 0.4$ Vdc.
- 4) Turn off the FOCUS 2kHz switch of servo checker.



Adjust so that average value of waveform becomes  $-0.6 \pm 0.4$ Vdc.

Fig. 7-7.

#### 7-8-6. Focus Offset Adjustment (SS-91 Board)

Mode	Still
Signal	REF1P, frame 31000
Measurement point	Pin ② of CN115
Measurement instrument	Oscilloscope
Adjusting element	RV302
Specified value	Maximum

##### [Adjustment procedure]

- 1) Perform searching of frame 31000. (Press [SEARCH] 3 1 0 0 0 [ENTER] of remote control unit.)
- 2) Maximize the RF output waveform level with RV302.

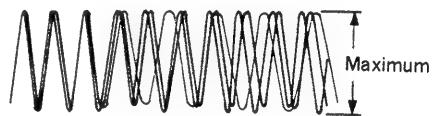


Fig. 7-8.

#### 7-8-7. Tracking Gain Adjustment (SS-91 Board)

Mode	Still
Signal	REF1P, frame 15001
Measurement point	TRKG Y-X terminal (servo checker)
Measurement instrument	Oscilloscope (DC range)
Adjusting element	RV301
Specified value	$0 \pm 0.2$ Vdc

##### [Adjustment procedure]

- 1) Perform searching of frame 15001. (Press [SEARCH] 1 5 0 0 1 [ENTER] of remote control unit.)
- 2) Turn on the TRKG 4kHz switch of servo checker.
- 3) Adjust with RV301 so that average value of waveform becomes  $0 \pm 0.2$ Vdc.
- 4) Turn off the TRKG 4kHz switch of servo checker.



Adjust so that average value of waveform becomes  $0 \pm 0.2$ Vdc.

Fig. 7-9.

### 7-8-8. Tracking Offset Adjustment (SS-91 Board)

Mode	Still
Signal	REF1P, frame 15001
Measurement point	TRKG ERROR terminal (servo checker)
Measurement instrument	Oscilloscope (DC range)
Adjusting element	RV300
Specified value	A=B

#### [Adjustment procedure]

- 1) Perform searching of frame 15001. (Press [SEARCH] **1 5 0 0 1 ENTER** of remote control unit.)
- 2) Open tracking servo.  
(Set TRKG O/C switch of servo checker to O (open side.))
- 3) Set the center voltage of the tracking error signal to  $0 \pm 0.1\text{Vdc}$  using RV300.
- 4) Close tracking servo.

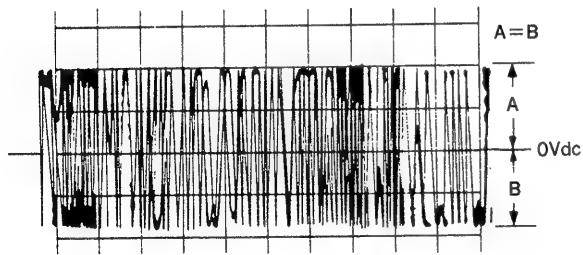


Fig. 7-10.

### 7-8-9. Scan Limit Adjustment (SS-91 Board)

Mode	Repeat FWD scan and RVS scan.
Signal	REF1P
Measurement point	Pin ② of CN009
Measurement instrument	Oscilloscope
Adjusting element	RV306
Specified value	It shall be triangle wave, and distortion of waveform shall be minimum for both FWD scan and RVS scan.

#### [Adjustment procedure]

- 1) Repeat FWD scan and RVS scan.
- 2) Adjust RV306 so that output waveform is triangle wave as shown in Fig. 7-11 and the distortion of waveform is minimum on both FWD scan and RVS scan.

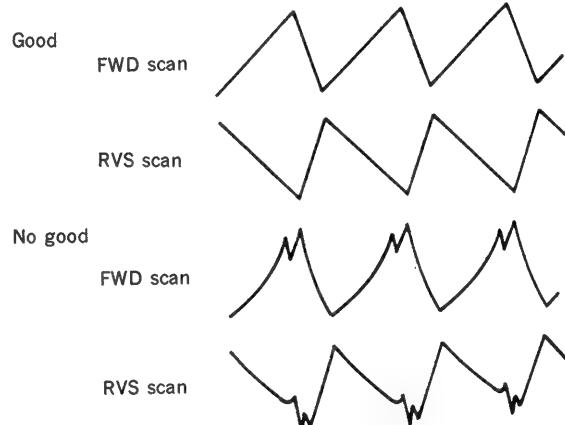


Fig. 7-11.

## 7-9. PAL VIDEO SYSTEM ADJUSTMENT

### 7-9-1. RF Level Check (SS-91 Board)

Mode	Still
Signal	REF1P, frame 37000 (color bar)
Measurement point	TP001 (Pin ⑨ of FN001)
Measurement instrument	Oscilloscope
Specified value	$450 \pm 50 \text{mVp-p}$

#### [Checking procedure]

- 1) Perform searching of frame 37000. (Press [SEARCH] [3] [7] [0] [0] [0] [ENTER] of remote control unit.)
- 2) Check that the RF level is  $450 \pm 50 \text{mVp-p}$ .



Fig. 7-12.

### 7-9-2. DE-MOD Out Level Adjustment (SS-91 Board)

Mode	Still
Signal	REF1P, frame 37000 (color bar)
Measurement point	TP006 (Pin ① of CN006)
Measurement instrument	Oscilloscope
Adjusting element	RV006
Specified value	0.5V

#### [Adjustment procedure]

- 1) Perform searching of frame 37000. (Press [SEARCH] [3] [7] [0] [0] [0] [ENTER] of remote control unit.)
- 2) Adjust for 0.5V with RV006.

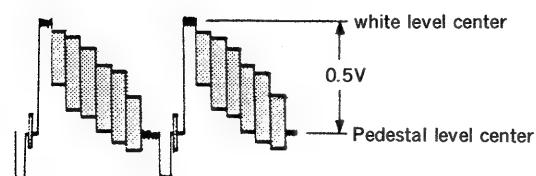


Fig. 7-13.

### 7-9-3. DOC Level Adjustment (SS-91 Board)

Mode	Still
Signal	REF1P, frame 37000 (color bar)
Measurement point	CH1: Pin ⑦ of IC010 CH2: Pin ② of IC010
Measurement instrument	Oscilloscope
Adjusting element	RV004
Specified value	$V1 (\text{CH1 Level}) = V2 (\text{CH2 Level})$

#### [Adjustment procedure]

- 1) Set the unit into still mode.
- 2) Perform searching of frame 37000. (Press [SEARCH] [3] [7] [0] [0] [0] [ENTER] of remote control unit.)
- 3) Make adjustment with RV004 so that output levels of CH1 and CH2 are same.

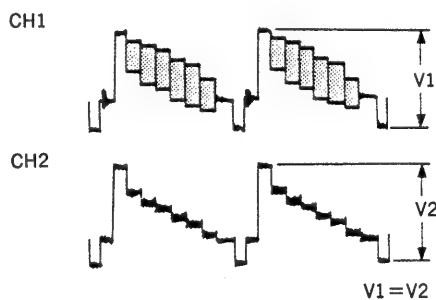


Fig. 7-14.

#### 7-9-4. DO-DET Adjustment (SS-91 Board)

Mode	No disc
Signal	Input the sine-wave signal of 300mVp-p, 5.2MHz or 5.0MHz to TP001 (Pin ⑨ of FN001) from the signal generator.
Measurement point	TP005 (Pin ① of IC002)
Measurement instrument	Oscilloscope (DC range)
Adjusting element	RV005
Specified value	"H" at 5.0MHz (more than 4Vdc) "L" at 5.2MHz (less than 1Vdc)

##### [Preparation]

- 1) Turn off the power switch.
- 2) Connect TP001 to signal generator.
- 3) Turn on the power switch.

##### [Adjustment procedure]

- 1) Input a 5.0MHz, 300mVp-p sine wave.
- 2) Rotate RV005 until an approx. 3.5Vp-p random pulse is output from TP005, and remember the rotational position of RV005 at this time.
- 3) Change the input signal to 5.2MHz, 300mVp-p sine wave.
- 4) Rotate RV005 until a approx. 3.5Vp-p random pulse is output from TP005, and remember the rotational position of RV005 at this time.
- 5) Set RV005 to a center position between the positions noted in 2) and 4).
- 6) Confirm that the level at TP005 is "L" (less than 1Vdc).
- 7) Change the input signal to 5.0MHz, 300mVp-p sine wave.
- 8) Confirm that the level at TP005 is "H" (more than 4Vdc).

**Note :** After adjustment, return the connection to the previous state.

#### 7-9-5. Fsc Adjustment (AV-06 Board)

Mode	FWD play
Signal	REF1P
Measurement point	Pin ⑦ of IC902
Measurement instrument	Frequency counter
Adjusting element	CT902
Specified value	4433618±5Hz

**Note :** Connect the frequency counter through a buffer amplifier (Oscilloscope, etc.) of high input impedance ( $1M\Omega$  or more) and low capacity ( $10pF$  or less).

##### [Adjustment procedure]

- 1) Set the unit into FWD play mode.
- 2) Adjust for  $4433618\pm5\text{Hz}$  with CT902.

#### 7-9-6. TBC Clock Adjustment (AV-06 Board)

Mode	FWD play
Signal	REF1P, Color bar portion (frame 36001 to 39000)
Measurement point	CH1 : TP001 (emitter of Q101) CH2 : TP002 (emitter of Q102)
Measurement instrument	Oscilloscope
Adjusting element	RV102
Specified value	$\Delta t=11.0\pm0.5\mu\text{s}$

##### [Adjustment procedure]

- 1) Connect TP028 (Pin ⑬ of IC103) to TP029 (base of Q114) using a jumper wire.
- 2) Playback the color bar portion.
- 3) Adjust with RV102 so that the  $\Delta t$  value becomes  $11.0\pm0.5\mu\text{s}$ .
- 4) Remove the jumper wire.

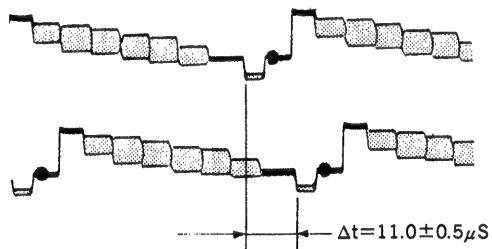


Fig. 7-15.

#### 7-9-7. TBC CCD Bias Adjustment (AV-06 Board)

Mode	Still
Signal	REF1P, frame 37000 (color bar)
Measurement point	TP002 (Emitter of Q102)
Measurement instrument	Oscilloscope (DC range)
Adjusting element	RV101
Specified value	$2.0\pm0.1\text{Vdc}$

##### [Adjustment procedure]

- 1) Perform searching of frame 37000. (Press [SEARCH] 3 7 0 0 0 [ENTER] of remote control unit.)
- 2) Adjust for  $2.0\pm0.1\text{Vdc}$  with RV101.

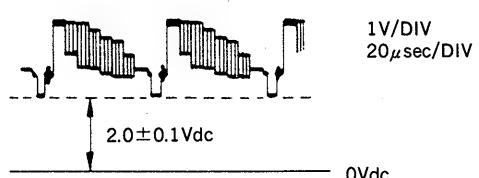


Fig. 7-16.

### 7-9-8. TBC Half H Killer Adjustment (AV-06 Board)

Mode	FWD play
Signal	REF1P, color bar portion (frame 36001 to 39000)
Measurement point	Pin ⑩ of IC103.
Measurement instrument	Oscilloscope
Adjusting element	RV103
Specified value	$5.1 \pm 0.5 \mu\text{s}$

#### [Adjustment procedure]

- 1) Adjust with RV103 so that width of output pulse become  $5.1 \pm 0.5 \mu\text{s}$ .

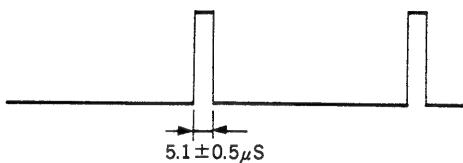


Fig. 7-17.

### 7-9-9. Video Out Level Adjustment (AV-06 Board)

Mode	FWD play
Signal	REF1P, color bar portion (frame 36001 to 39000)
Measurement point	TP020 (Pin ③ of CN010)
Measurement instrument	Oscilloscope
Adjusting element	RV701
Specified value	$2.0 \pm 0.5 \text{Vp-p}$

#### [Adjustment procedure]

- 1) Adjust for  $2.0 \pm 0.5 \text{Vp-p}$  with RV701.

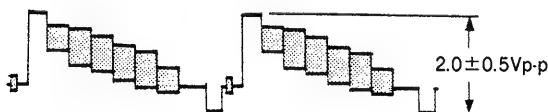


Fig. 7-18.

### 7-9-10. Color Framing Y Level Adjustment (AV-06 Board)

Mode	Still
Signal	REF1P, frame 37000 (color bar)
Measurement point	TP020 (Pin ③ of CN010)
Measurement instrument	Oscilloscope
Adjusting element	RV703
Specified value	$2.0 \pm 0.5 \text{Vp-p}$

#### [Adjustment procedure]

- 1) Perform searching of frame 37000. (Press [SEARCH] 

3	7	0	0	0	ENTER
---	---	---	---	---	-------

 of remote control unit.)
- 2) Adjust for  $2.0 \pm 0.5 \text{Vp-p}$  with RV703.

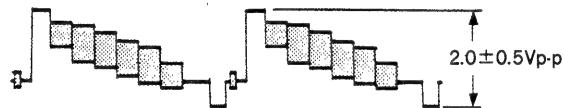


Fig. 7-19.

### 7-9-11. Color Framing V Invert Level Adjustment (AV-06 Board)

Mode	Still
Signal	REF1P, frame 37000 (color bar)
Measurement point	TP020 (Pin ③ of CN010)
Measurement instrument	Oscilloscope
Adjusting element	RV705
Specified value	Swing of chroma part of output waveform becomes minimum.

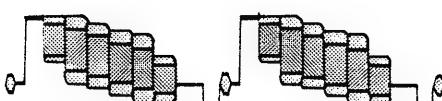
#### [Adjustment procedure]

- 1) Perform searching of frame 37000. (Press [SEARCH] 

3	7	0	0	0	ENTER
---	---	---	---	---	-------

 of remote control unit.)
- 2) By RV705, make adjustment so that swing of chroma part of output waveform is minimum.

No good



Good

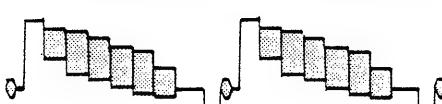


Fig. 7-20.

### 7-9-12. Color Framing Chroma Level Adjustment (AV-06 Board)

Mode	Still and FWD play
Signal	REF1P, color bar portion (frame 36001 to 39000)
Measurement point	TP020 (Pin ③ of CN010)
Measurement instrument	Oscilloscope
Adjusting element	RV704
Specified value	Red chroma level for still shall be same with the red chroma level for FWD play.

#### [Adjustment procedure]

- 1) Playback the color bar portion.
- 2) Record the red chroma level of output waveform.
- 3) set the unit into still mode.
- 4) Adjust the red chroma level so as to be same with the value recorded in 2).

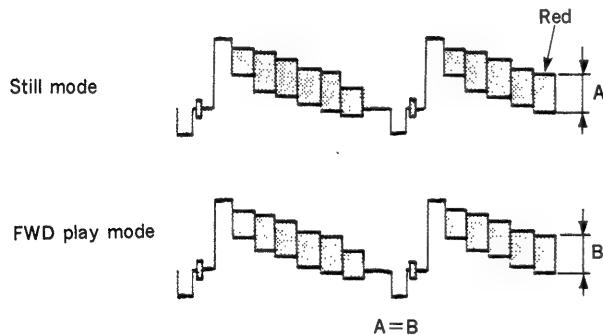


Fig. 7-21.

### 7-10. NTSC VIDEO SYSTEM ADJUSTMENT

- LDP-3300P is not provided with NTSC video system.
- LDP-3600D is provided with PAL/NTSC dual system. Therefore, perform NTSC video system adjustment. For common adjustment of both systems, perform PAL video system adjustment.

#### 7-10-1. DE-MOD Out Level Adjustment (SS-91 Board)

Mode	Still
Signal	REF5B/5C (Note 1), Chapter 14 (color bar)
Measurement point	TP006 (Pin ① of CN006)
Measurement instrument	Oscilloscope
Adjusting element	RV003
Specified value	$0.475 \pm 0.025V$ (Note1)

**Note 1 :** The specified value in case using REF5A disc is “ $0.5 \pm 0.025V$ ”.

#### [Adjustment procedure]

- 1) Perform searching of chapter 14. (Press [SEARCH MODE] [1] [4] [ENTER] of remote control unit.)
- 2) Adjust for  $0.475 \pm 0.025V$  (Note1) with RV003.

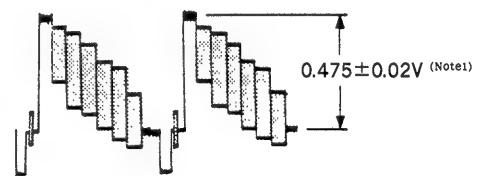


Fig. 7-22.

## 7-10-2. DOC Check (SS-91 Board)

Mode	Still
Signal	REF5A/5B/5C, Chapter 2 (color bar)
Measurement point	Pin ② of IC010
Measurement instrument	Oscilloscope
Specified value	No chroma signal

### [Checking Procedure]

- 1) Perform searching of chapter 2. (Press [SEARCH] [MODE] [2] [ENTER] of remote control unit.)
- 2) Confirm that there is no chroma signal.
- 3) If the specifications are not satisfied, recheck 7-9-3. DOC level adjustment.

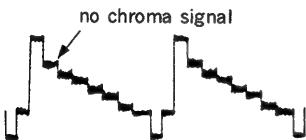


Fig. 7-23.

## 7-10-3. DO-DET Adjustment (SS-91 Board)

Mode	No disc
Signal	Input the sine wave signals of 5.2MHz, 300mVp-p or 5.4MHz, 300mVp-p to TP001 (Pin ⑨ of FN001) from the signal generator.
Measurement point	TP005 (Pin ① of IC002)
Measurement instrument	Oscilloscope (DC range)
Adjusting element	RV002
Specified value	"H" at 5.2MHz (more than 4Vdc) "L" at 5.4MHz (less than 1Vdc)

### [Preparation]

- 1) Turn off the power switch.
- 2) Connect jumper wires between TP908 and Pin ① of CN001, and between TP909 and Pin ⑦ of CN011.
- 3) Connect TP001 to signal generator.
- 4) Turn on the power switch.

### [Adjustment procedure]

- 1) Input a 5.2MHz, 300mVp-p sine wave.
- 2) Rotate RV002 until a approx. 3.5Vp-p random pulse is output from TP005, and remember the rotational position of RV002 at this time.
- 3) Change the input signal to 5.4MHz, 300mVp-p sine wave.
- 4) Rotate RV002 until a approx. 3.5Vp-p random pulse is output from TP005, and remember the rotational position of RV002 at this time.
- 5) Set RV002 to a center position between the positions noted in 2) and 4).
- 6) Confirm that the level at TP005 is "L" (less than 1Vdc).
- 7) Change the input signal to 5.4MHz, 300mVp-p sine wave.
- 8) Confirm that the level at TP005 is "H" (more than 4Vdc).

**Note :** After adjustment return the connection to the previous state.

#### 7-10-4. Fsc Adjustment (AV-06 Board)

Mode	FWD play
Signal	REF5A/5B/5C
Measurement point	Pin ⑦ of IC902
Measurement instrument	Frequency counter
Adjusting element	CT901
Specified value	$3579545 \pm 5\text{Hz}$

**Note :** Connect the frequency counter through a buffer amplifier (Oscilloscope, etc.) of high input impedance ( $1M\Omega$  or more) and low capacity ( $10\text{pF}$  or less).

##### [Adjustment procedure]

- 1) Set the unit into FWD play mode.
- 2) Adjust for  $3579545 \pm 5\text{Hz}$  with CT901.

#### 7-10-5. Video Out Level Adjustment (AV-06 Board)

Mode	FWD play
Signal	REF5A/5B/5C, Chapter 2 (color bar)
Measurement point	TP020 (Pin ③ of CN010)
Measurement instrument	Oscilloscope
Adjusting element	RV706
Specified value	$2.0 \pm 0.5\text{Vp-p}$

##### [Adjustment procedure]

- 1) Perform searching of chapter 2. (Press [REPEAT] [MODE] [2] [ENTER] [10] [ENTER] of remote control unit.)
- 2) Set the unit into FWD play mode.
- 3) Adjust for  $2.0 \pm 0.5\text{Vp-p}$  with RV706.

#### 7-11. AUDIO SYSTEM ADJUSTMENT

##### 7-11-1. PAL Audio Output Level Adjustment (AV-06 Board)

Mode	FWD play
Signal	REF1P, Chapter 5 (1kHz, 40%)
Measurement point	1/L [2/R] terminal of audio line output
Measurement instrument	Audio level meter or oscilloscope
Adjusting element	RV201 [RV202]
Specified value	Audio level meter: $-9.5 \pm 1.0\text{dBs}$ Oscilloscope: $0.73 \pm 0.01\text{Vp-p}$

**Note :** [ ] : Adjusting element for 2/R CH.

##### [Adjustment procedure]

- 1) Search chapter 5. (Press [REPEAT] [5] [ENTER] [9] [ENTER] of remote control unit.)
- 2) Adjust RV201 [RV202] for  $-9.5 \pm 1.0\text{dBs}$  or  $0.73 \pm 0.01\text{Vp-p}$ .

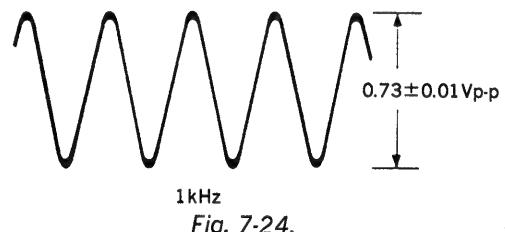


Fig. 7-24.

##### 7-11-2. NTSC Audio Output Level Adjustment (AU-52 Board) (LDP-3600D)

Mode	FWD play
Signal	REF5A/5B/5C, Chapter 6 (1kHz, 100%)
Measurement point	1/L [2/R] terminal of audio line output
Measurement instrument	Audio level meter or oscilloscope
Adjusting element	RV301 [RV302]
Specified value	Audio level meter: $-1.5 \pm 1.0\text{dBs}$ Oscilloscope: $1.8 \pm 0.1\text{Vp-p}$

**Note :** [ ] : Adjusting element for 2/R CH.

##### [Adjustment procedure]

- 1) Search chapter 6. (Press [REPEAT] [6] [ENTER] [9] [ENTER] of remote control unit.)
- 2) Adjust RV301 [RV302] for  $-1.5 \pm 0.1\text{dBs}$  or  $1.8 \pm 0.1\text{Vp-p}$ .

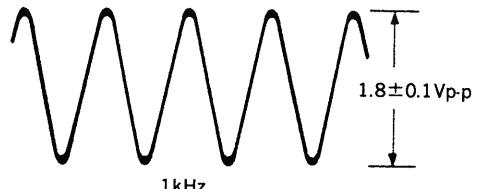
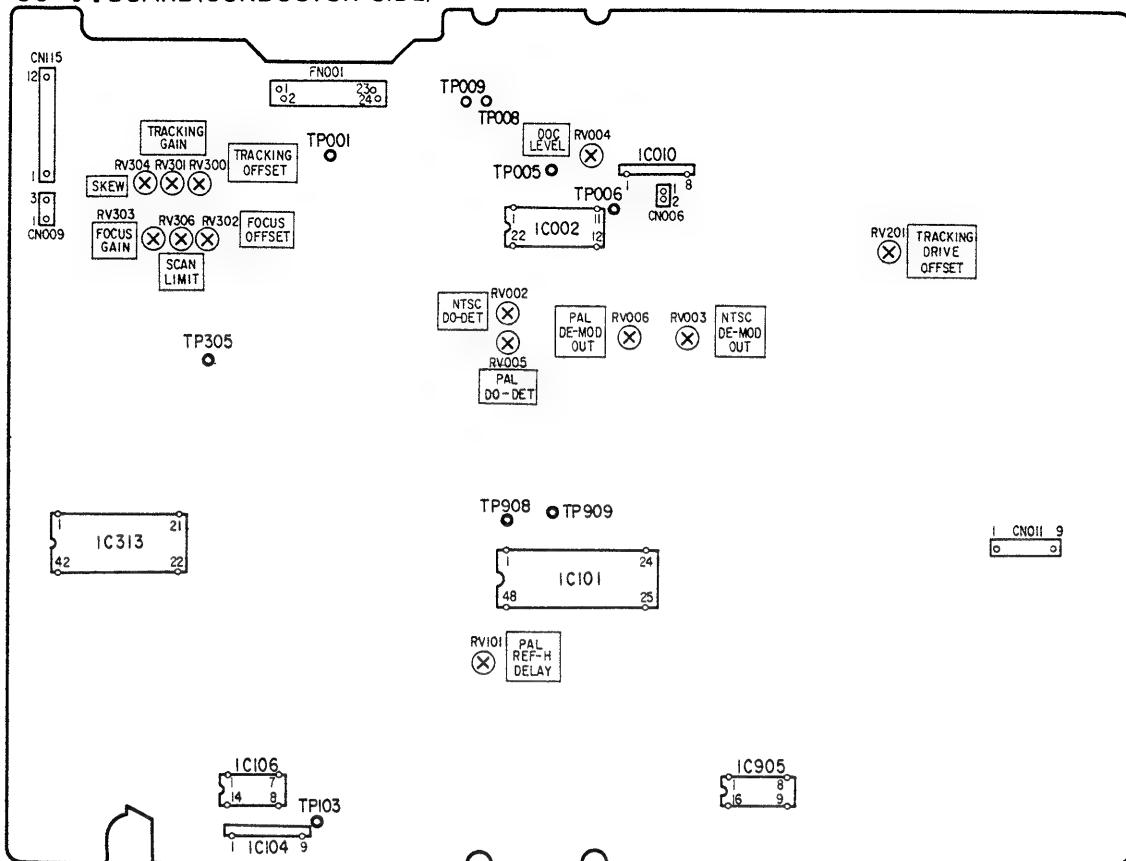


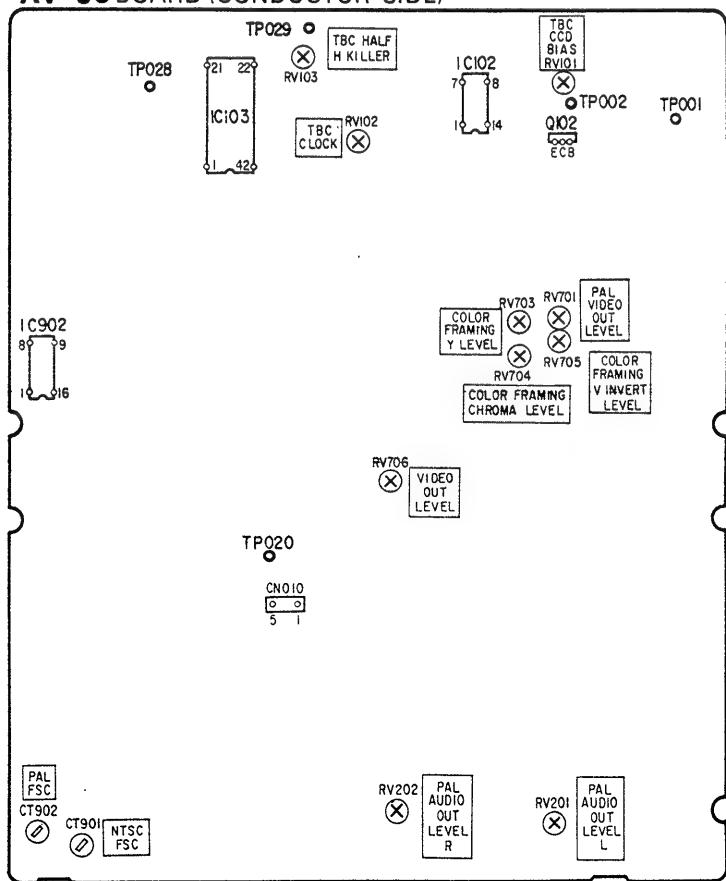
Fig. 7-25.

## **7-12. ADJUSTMENT ELEMENTS LOCATION**

**SS-91 BOARD(CONDUCTOR SIDE)**



**AV-06 BOARD (CONDUCTOR SIDE)**



**AU-52**  
BOARD  
(CONDUCTOR SIDE)









9-972-783-21

**Sony Corporation**  
Home Video Group

English  
90A0416-1  
Printed in Japan  
© 1990. 1

# LDP-3300P/3600D

**SONY®  
SERVICE MANUAL**

*AEP Model  
UK Model*

## SUPPLEMENT-2

File this supplement-2 with the service manual.

### Subject : PC BOARDS Change

- Part number suffix of pc boards have been changed as shown below.

SW-104 board	1-630-495-12
SW-105 board	1-630-496-13
SW-112 board	1-630-497-12
SS-91 board	1-630-484-14
AV-06 board	1-630-485-15
CP-25 board	1-630-502-14
FP-176 board	1-630-493-13
HP-54 board	1-630-491-13
LD-16 board	1-630-501-12
AC-46 board	1-630-492-13
DC-14 board	1-630-487-13
DC-15 board	1-630-488-13
DC-19 board	1-630-489-12
DC-20 board	1-630-490-12
PW-63 board	1-630-499-12
PW-64 board	1-630-500-12

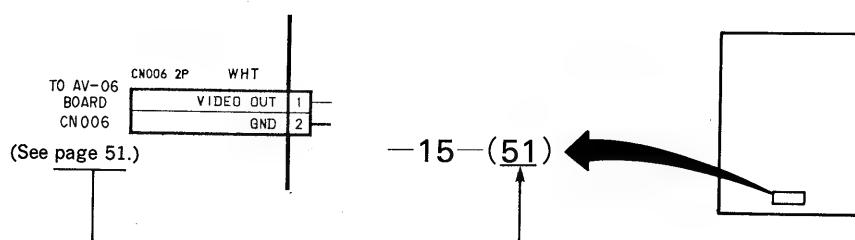
- Section 1-8-1: NTSC PB-H Delay Adjustment and 1-8-2. PAL PB-H Delay Adjustment of electrical adjustments are omitted.

#### Note

Page number shown by (See page. xx) in schematic diagram is page number shown by (xx) on lower part of each page.

#### Example

Schematic diagram

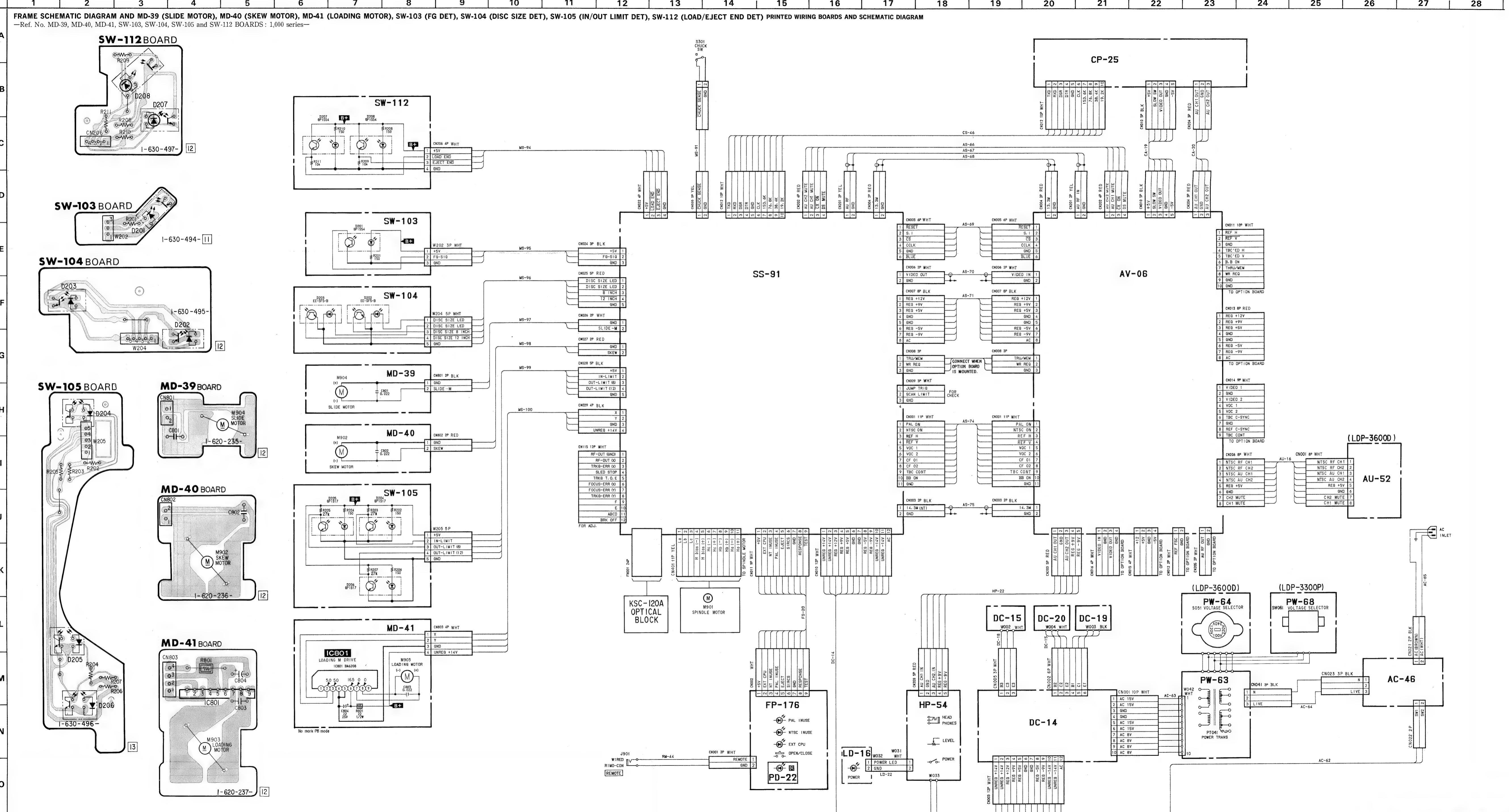


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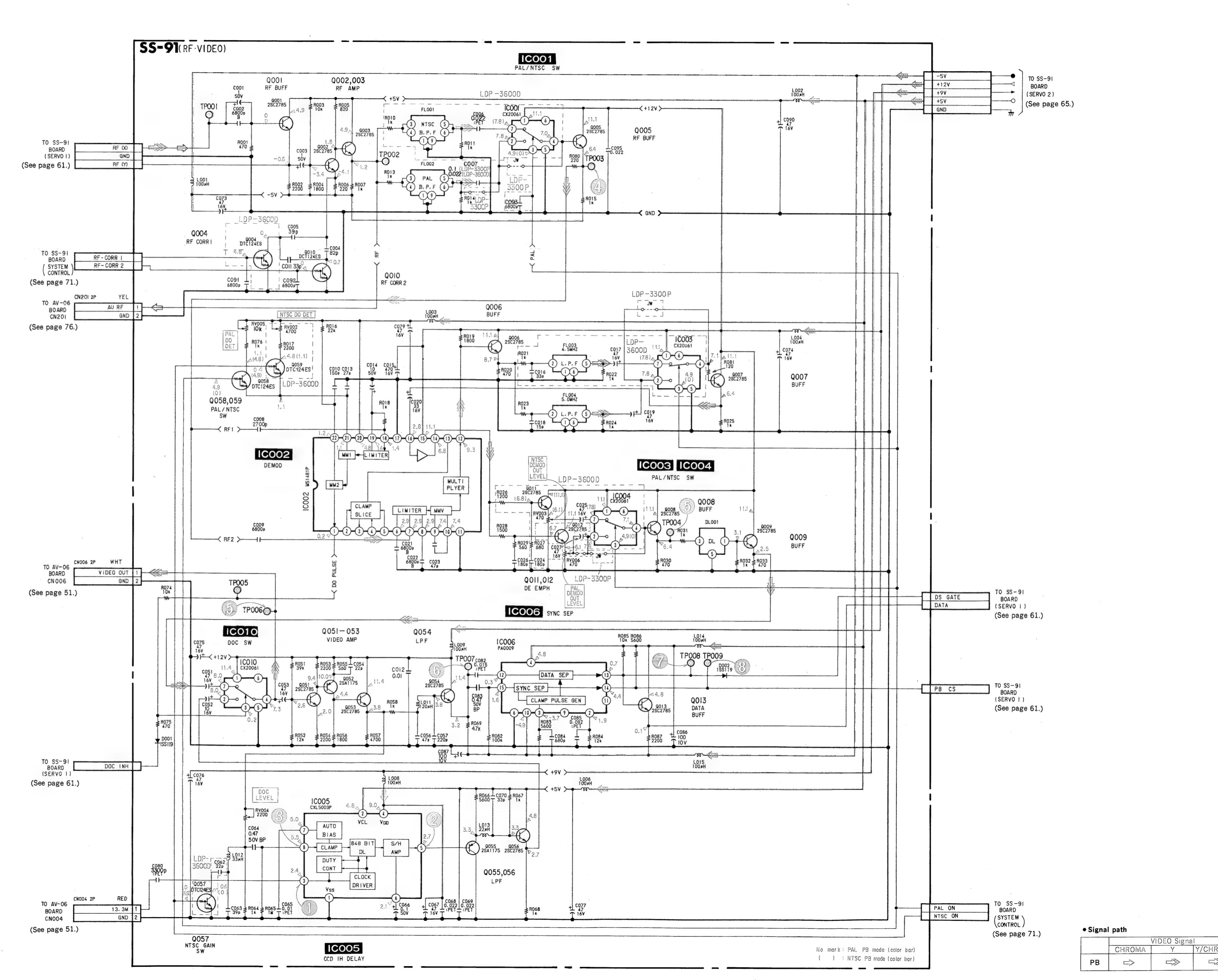
<i>Section</i>	<i>Title</i>	<i>Page</i>
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● SS-91 (RF•Video) Board .....	8	
● AV-06 (Video(1)) Board .....	13	
● AV-06 (Video(2)) Board .....	18	
● SS-91 (Servo(1)) Board .....	23	
● SS-91 (Servo(2)) Board .....	28	
● FP-176, PD-22, CP-25 and SS-91 (System Control) Boards .....	34	
● AV-06 (Audio), AU-52, HP-54 and LD-16 Boards .....	40	
● AC-46, DC-14, DC-15, DC-19, DC-20, PW-63, PW-64 and PW-68 .....	45	
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<b>HARDWARE LIST</b> .....	72	

**SECTION 4**  
**PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS**

**4-1. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS**



1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16



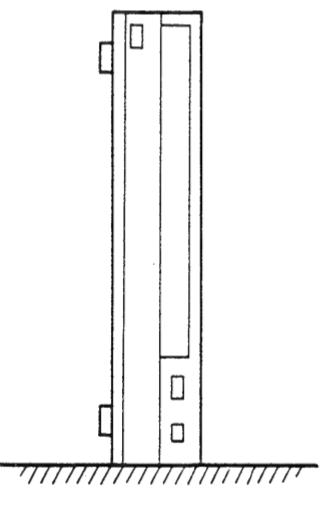
THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.  
(In addition to this, the necessary note is printed in each block.)

**CAUTION OF SERVICING**  
• Do not make insertion or ejection of the disc with the set as shown in Fig. A. The disc may be damaged.  
• When operates with the state as Fig. A.

• For printed wiring board

- : indicates a lead wire mounted on the component side.
- : indicates a lead wire mounted on the conductor side.
- : Jumper wire connected to the ground pattern on the component side.
- : The jumper wire connected to another jumper wire by the pattern on the component side.
- : conductor side.
- : Circled numbers refer to waveforms.

Fig. A.

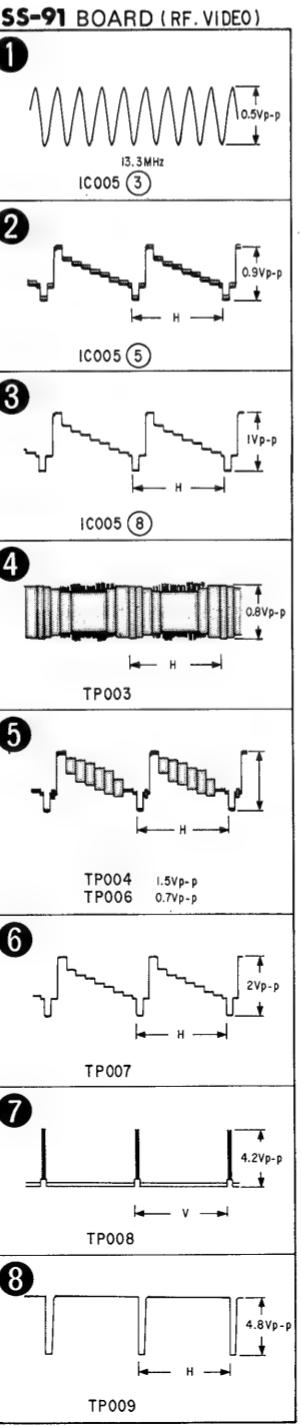


• For schematic diagram

- All resistors are in ohms, 1/4W unless otherwise noted.  
KΩ: 1000Ω, MΩ: 1000kΩ.
- All capacitors are in μF unless otherwise noted. pF : μμF.  
50V or less are not indicated except for electrolytics and tantalums.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- W : nonflammable resistor.
- W : fusible resistor.
- : panel designation.
- △ : internal component.
- adjustment for repair.
- : B + Line.
- : B - Line.
- ↔ : IN/OUT direction of B (+, -) line.
- : Circled numbers refer to waveforms.
- Voltages are dc between ground and measurement points.
- Readings are taken with a playback color-bar signal of standard disc.
- Readings are taken with a digital multimeter (DC10MΩ).
- Voltage variations may be noted due to normal production tolerances.

Note: The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

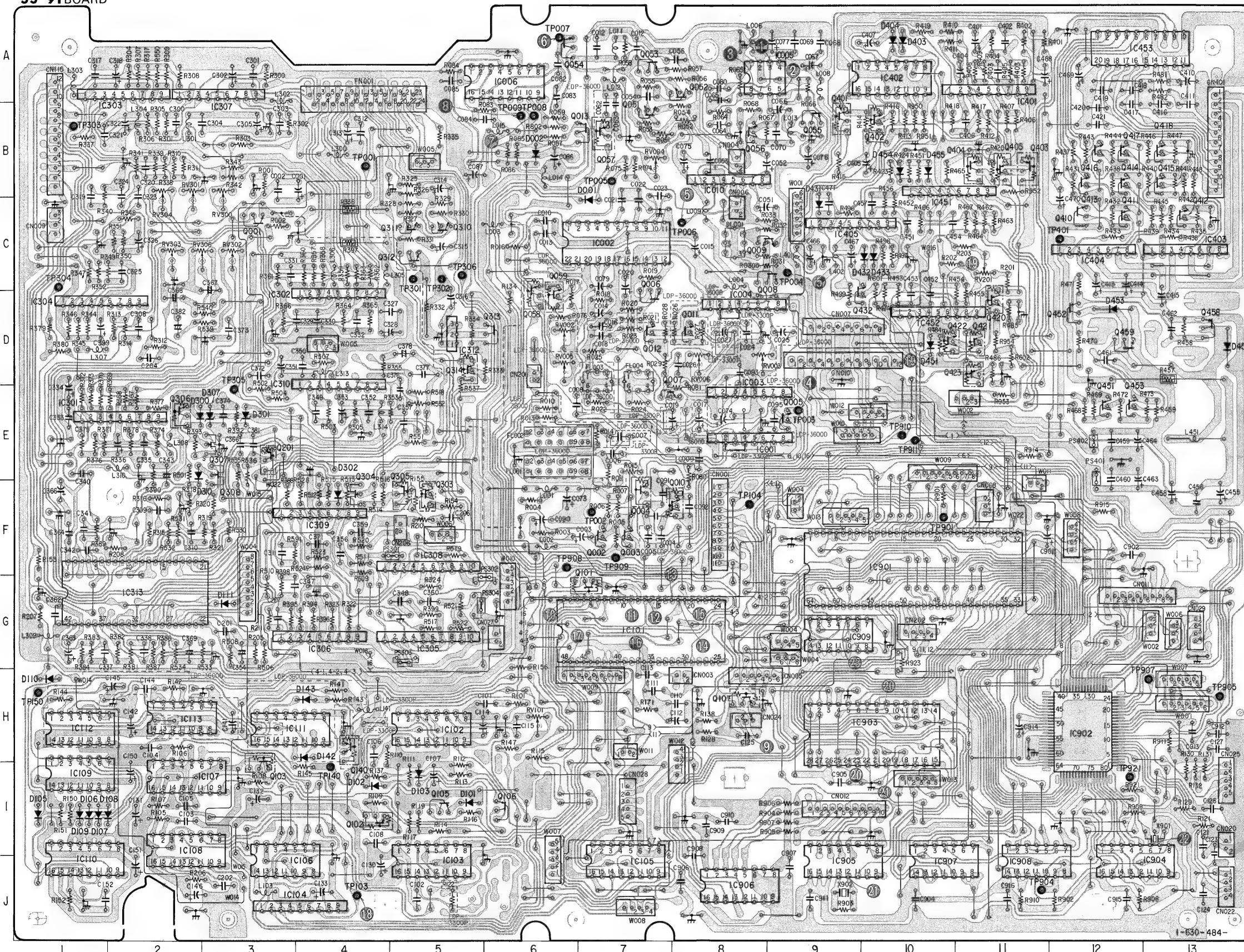
When indicating parts by reference number, please include the board name.



**SS-91 (RF • VIDEO) PRINTED WIRING BOARD**

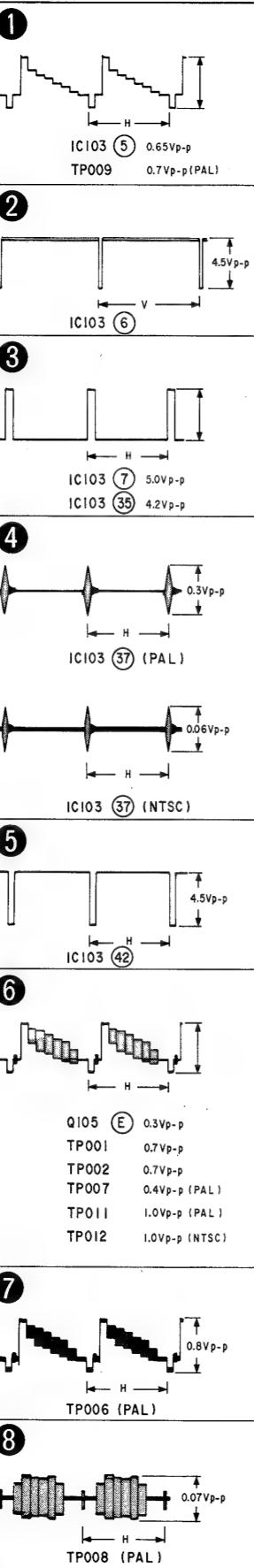
—Ref. No. SS-91 BOARD : 7,000 series—

**SS-91 BOARD**



CN001	F-8	IC452	D-10	RV306	C-3
CN003	H-8	IC453	A-13	TP001	B-4
CN004	B-8	IC901	F-10	TP002	E-7
CN005	H-8	IC902	H-12	TP003	E-9
CN006	C-8	IC903	H-10	TP004	C-9
CN007	D-9	IC904	J-13	TP005	B-7
CN008	F-11	IC905	J-9	TP006	C-8
CN009	C-1	IC906	J-8	TP007	A-6
CN010	D-9	IC907	J-10	TP008	B-6
CN011	G-12	IC908	J-11	TP009	B-6
CN012	I-9	IC909	G-9	TP103	J-4
CN020	I-13	Q001	C-3	TP104	F-8
CN022	J-13	Q002	F-7	TP140	I-4
CN024	H-8	Q003	F-7	TP150	H-1
CN025	I-13	Q004	F-7	TP301	C-5
CN026	F-5	Q005	H-8	TP302	C-5
CN027	G-6	Q006	D-7	TP303	B-1
CN028	I-7	Q007	E-8	TP304	C-1
CN029	G-13	Q008	C-9	TP305	D-3
CN115	A-1	Q009	C-9	TP306	C-5
CN201	D-6	Q010	F-8	TP401	C-12
CN202	G-10	Q011	D-8	TP901	F-10
CN401	B-13	Q012	D-7	TP904	J-11
D001	C-7	Q013	B-7	TP905	H-13
D002	B-6	Q051	B-7	TP907	H-13
D101	I-5	Q052	A-8	TP908	F-6
D102	I-4	Q053	A-7	TP909	F-7
D103	I-5	Q054	A-6	TP910	E-10
D105	I-1	Q055	B-9	TP911	E-10
D106	I-1	Q056	B-8	TP921	I-12
D107	I-1	Q057	B-7		
D108	I-1	Q058	D-6		
D109	I-1	Q059	D-6		
D110	H-1	Q101	G-7		
D111	G-3	Q102	I-4		
D142	H-4	Q103	I-3		
D143	H-4	Q104	J-6		
D300	E-3	Q105	I-5		
D301	E-3	Q106	I-6		
D302	F-4	Q107	H-8		
D307	E-3	Q108	I-6		
D310	E-3	Q140	H-4		
D403	A-10	Q201	E-3		
D404	A-10	Q303	F-5		
D431	C-9	Q304	F-4		
D432	C-10	Q305	F-5		
D452	D-13	Q306	E-2		
D453	D-12	Q307	E-3		
D454	B-10	Q308	F-3		
D455	B-10	Q310	C-5		
D433	C-10	Q311	C-5		
D451	D-10	Q312	C-5		
		Q313	D-6		
IC001	E-8	Q314	D-5		
IC002	C-7	Q401	B-9		
IC003	E-8	Q402	B-10		
IC004	D-8	Q403	B-11		
IC005	A-9	Q404	B-11		
IC006	A-6	Q405	B-11		
IC010	B-8	Q410	C-12		
IC101	G-7	Q411	C-12		
IC102	H-5	Q412	C-13		
IC103	J-5	Q413	B-12		
IC104	J-3	Q414	B-12		
IC105	J-7	Q415	B-13		
IC106	J-3	Q416	B-12		
IC107	I-2	Q417	B-12		
IC108	I-2	Q418	B-13		
IC109	I-1	Q420	D-11		
IC110	J-1	Q421	D-11		
IC111	H-3	Q422	D-11		
IC112	H-1	Q423	D-11		
IC113	H-2	Q432	D-10		
IC301	E-1	Q451	E-12		
IC302	D-4	Q452	D-12		
IC303	A-2	Q453	E-12		
IC304	D-1	Q458	D-13		
IC305	G-5	Q459	D-12		
IC306	G-4				
IC307	A-3	RV002	D-6		
IC308	F-5	RV003	D-8		
IC309	F-4	RV004	B-7		
IC310	E-4	RV005	D-6		
IC312	D-5	RV006	D-8		
IC313	G-2	RV101	H-6		
IC401	A-11	RV201	C-11		
IC402	A-10	RV300	C-3		
IC403	C-13	RV301	C-2		
IC404	C-12	RV302	C-3		
IC405	C-9	RV303	C-2		
IC451	B-10	RV304	G-2		

AV-06 BOARD (VIDEO 1)

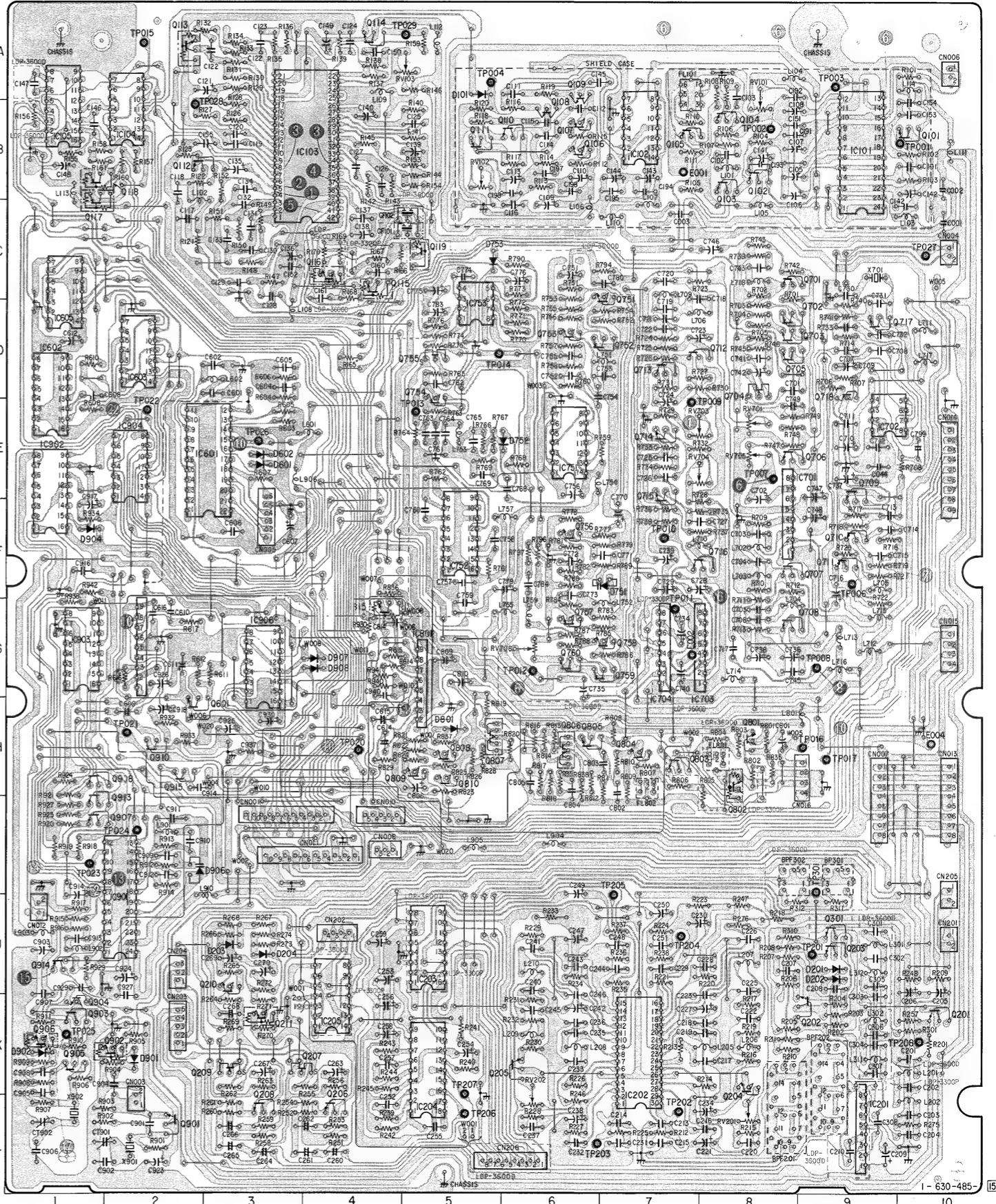


CN001	I-3	Q203	J-9	TP022	E-2
CN003	K-2	Q204	K-8	TP023	I-1
CN004	C-10	Q205	K-6	TP024	I-2
CN005	F-3	Q206	I-4	TP025	K-1
CN006	A-10	Q207	K-3	TP026	E-3
CN007	H-9	Q208	L-3	TP027	C-10
CN008	I-4	Q209	K-3	TP028	B-2
CN010	I-4	Q210	J-3	TP029	A-5
CN011	I-4	Q211	K-3	TP201	J-9
CN012	J-1	Q301	J-9	TP202	L-7
CN013	H-10	Q601	G-2	TP203	L-6
CN014	E-10	Q701	C-9	TP204	J-7
CN015	G-10	Q702	D-8	TP205	I-7
CN016	H-9	Q703	D-8	TP206	L-5
CN201	J-10	Q704	D-8	TP207	K-5
CN202	J-4	Q705	D-8	TP208	K-10
CN203	K-2	Q706	E-9	TP301	I-9
CN204	J-2	Q707	F-8		
CN205	I-10	Q708	G-8		
CN206	L-6	Q709	E-9		
CT901	L-2	Q710	F-9		
CT902	L-1	Q711	F-9		
D101	A-5	Q712	D-8		
D201	J-9	Q713	D-7		
D202	J-9	Q714	E-7		
D203	J-3	Q715	E-7		
D204	J-3	Q716	F-8		
D601	E-3	Q717	D-9		
D602	E-3	Q718	D-9		
D751	F-7	Q752	D-7		
D752	E-6	Q753	D-6		
D753	C-5	Q754	D-5		
D801	H-5	Q755	D-5		
D901	K-2	Q756	F-6		
D902	K-1	Q757	G-6		
D904	F-1	Q758	G-7		
D906	I-2	Q759	G-7		
D907	G-4	Q801	H-8		
D908	G-4	Q802	H-8		
IC101	B-9	Q803	H-7		
IC102	B-7	Q804	H-7		
IC103	B-4	Q805	H-6		
IC104	B-2	Q806	H-6		
IC105	B-1	Q807	H-5		
IC201	L-9	Q808	H-5		
IC202	K-7	Q809	H-5		
IC203	J-5	Q810	H-5		
IC204	K-5	Q815	G-4		
IC205	K-4	Q901	L-2		
IC601	E-3	Q902	K-2		
IC602	D-1	Q903	K-1		
IC603	D-2	Q904	K-1		
IC604	G-2	Q905	K-1		
IC605	D-1	Q906	K-1		
IC701	E-8	Q907	I-1		
IC702	E-9	Q908	H-2		
IC703	G-8	Q913	I-1		
IC704	G-7	Q914	J-1		
IC751	E-6	Q915	H-2		
IC752	F-5				
IC753	D-5				
IC801	G-5	RV101	B-8		
IC901	I-2	RV102	B-5		
IC902	E-1	RV103	A-5		
IC903	G-1	RV201	L-8		
IC904	E-2	RV202	K-6		
IC906	G-3	RV701	E-8		
Q101	B-10	RV703	E-8		
Q102	B-8	RV704	E-8		
Q103	B-8	RV705	E-8		
Q104	B-8	RV706	G-6		
Q105	B-7	TP001	B-10		
Q106	B-6	TP002	B-8		
Q107	B-6	TP003	A-9		
Q108	B-6	TP004	A-5		
Q109	A-6	TP006	F-9		
Q110	B-6	TP007	E-8		
Q111	B-5	TP008	G-9		
Q112	B-2	TP009	D-8		
Q113	A-2	TP010	F-7		
Q114	A-4	TP011	G-7		
Q115	C-4	TP012	G-6		
Q116	C-4	TP013	E-5		
Q117	C-1	TP014	D-5		
Q118	B-1	TP015	A-2		
Q119	C-5	TP016	H-9		
Q201	K-10	TP017	H-9		
Q202	K-9	TP020	H-4		
Q203	K-9	TP021	H-2		

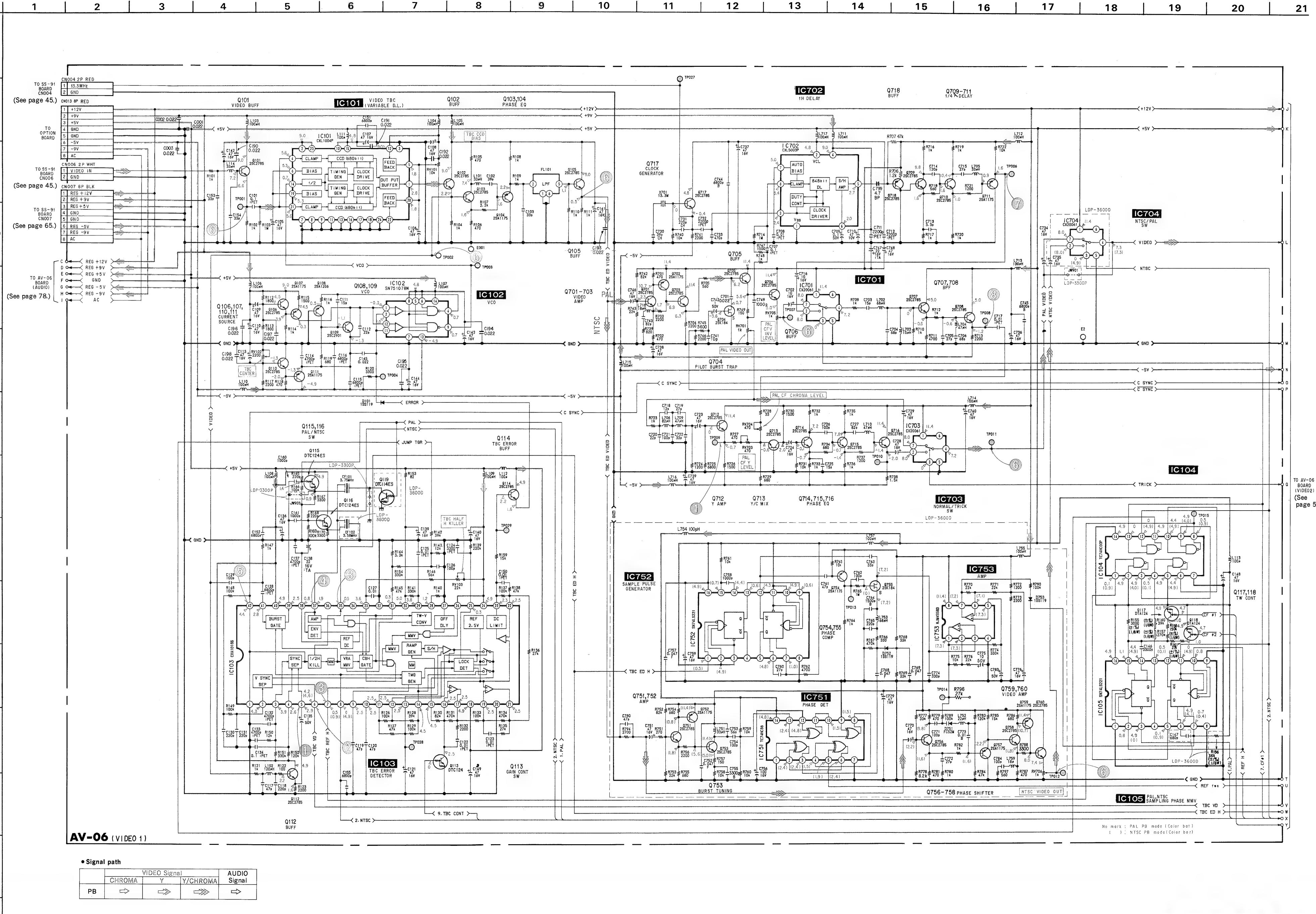
AV-06 (VIDEO (1) —VIDEO TBC—) PRINTED WIRING BOARD

—Ref. No. AV-06 BOARD : 2,000 series—

AV-06 BOARD



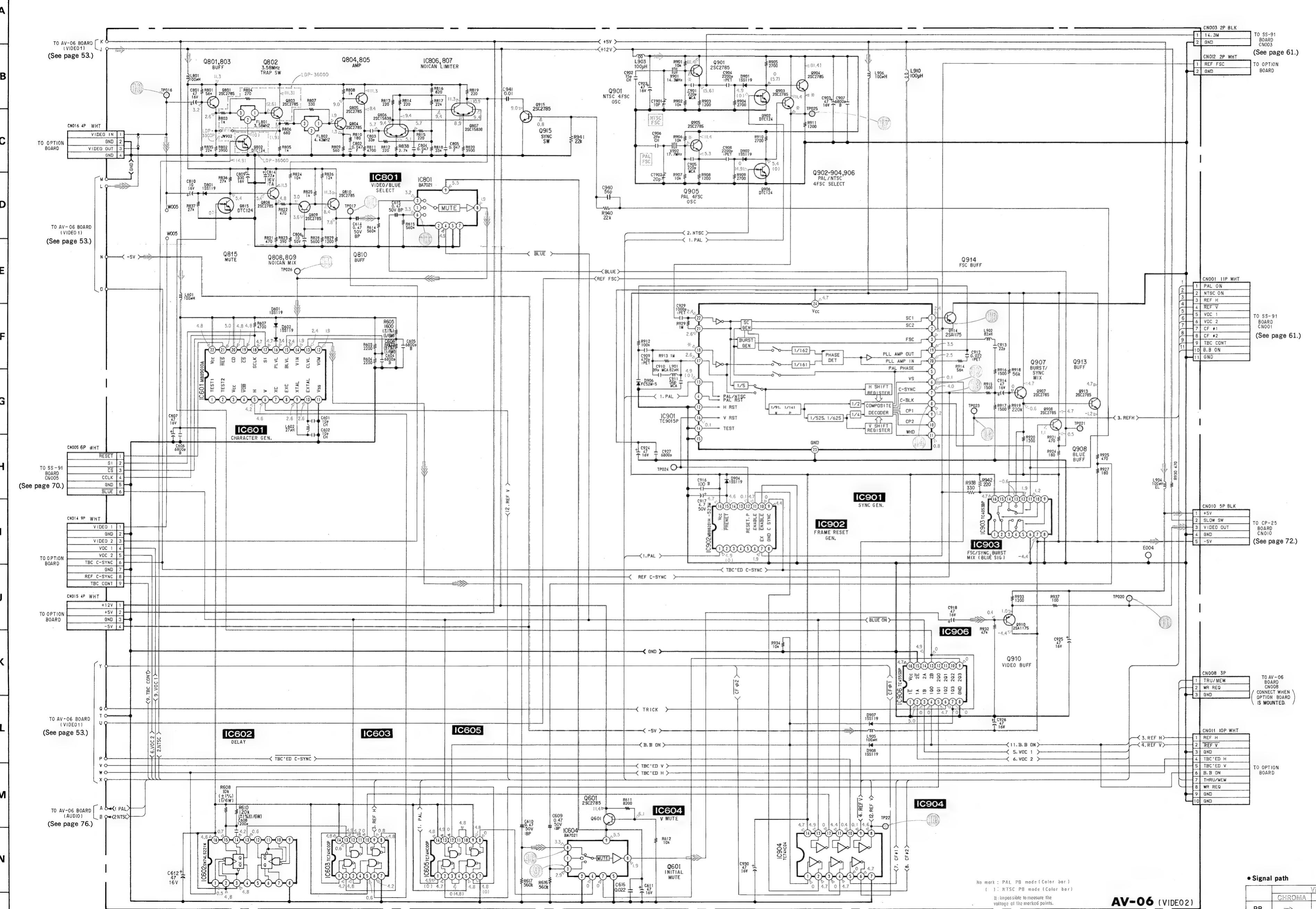
**AV-06 (VIDEO 1) — VIDEO TBC — SCHEMATIC DIAGRAM**  
—Ref. No. AV-06 BOARD: 2,000 series—



**AV-06 (VIDEO (2) —NOICAN, CHARACTER MIX, SIGNAL GEN—) SCHEMATIC DIAGRAM**

—Ref. No. AV-06 BOARD: 2,000 series—

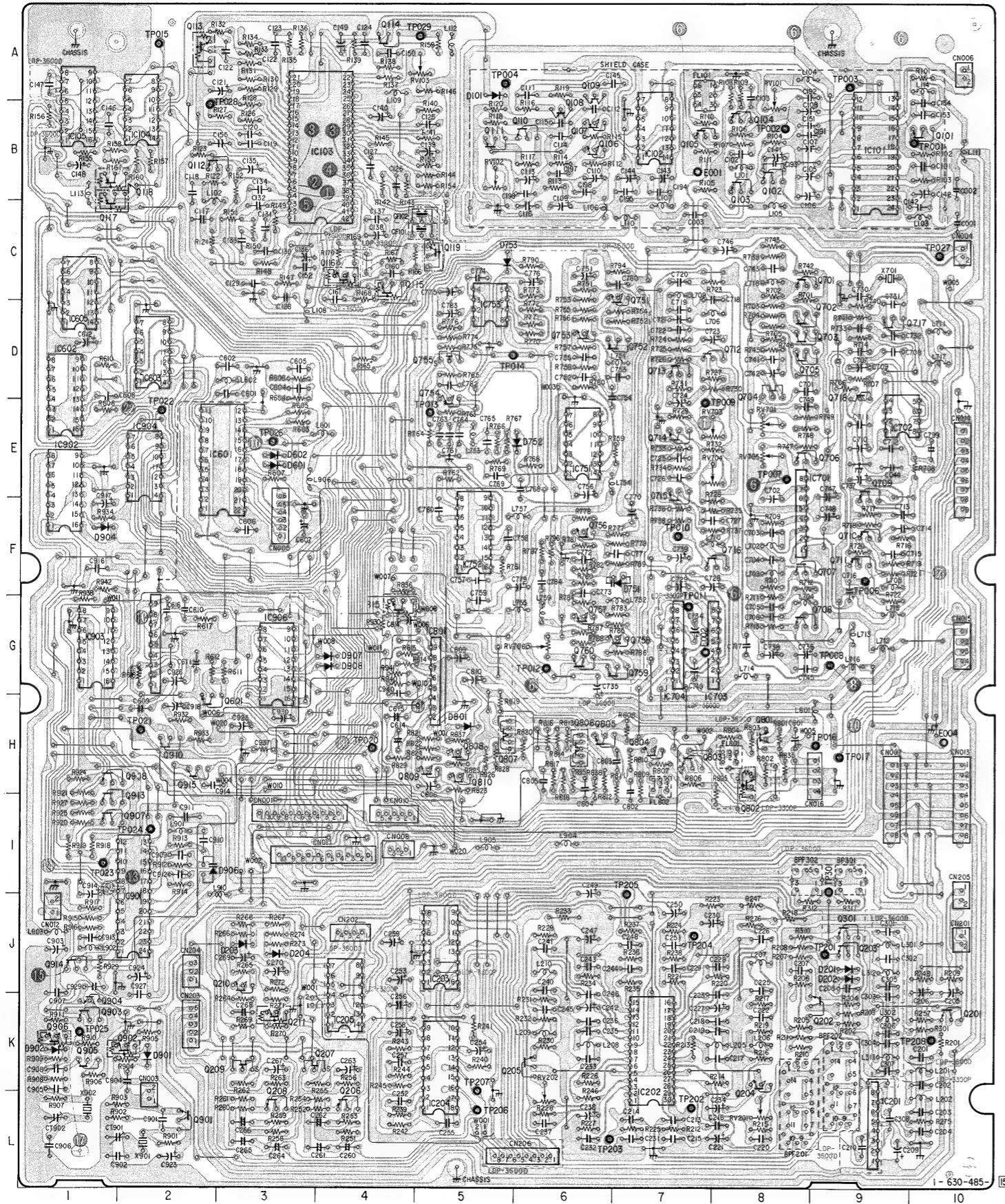
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**AV-06 (VIDEO (2) —NOICAN, CHARCTER MIX, SIGNAL GEN—) PRINTED WIRING BOARD**

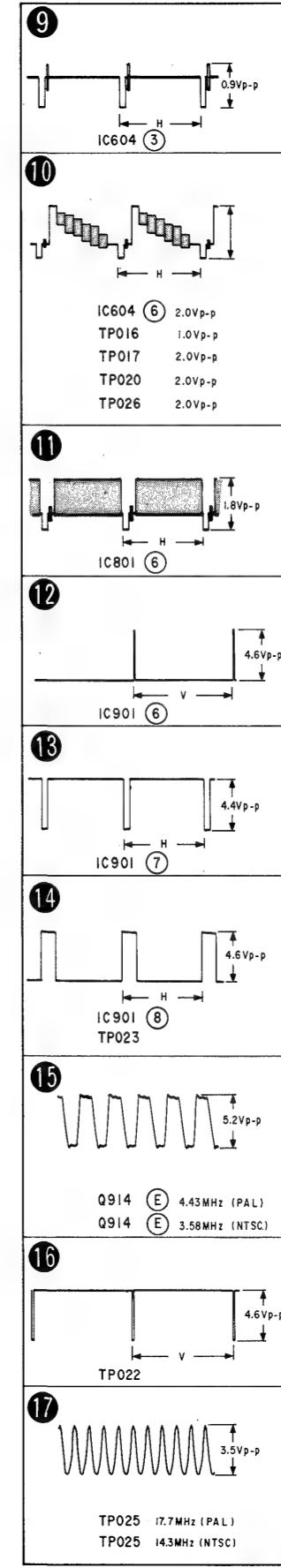
—Ref. No. AV-06 BOARD: 2,000 series—

**AV-06 BOARD**



CN001	I-3	Q203	J-9	TP022	E-2
CN003	K-2	Q204	K-8	TP023	I-1
CN004	C-10	Q205	K-6	TP024	I-2
CN005	F-3	Q206	I-4	TP025	K-1
CN006	A-10	Q207	K-3	TP026	E-3
CN007	H-9	Q208	L-3	TP027	C-1
CN008	I-4	Q209	K-3	TP028	B-2
CN010	I-4	Q210	J-3	TP029	A-5
CN011	I-4	Q211	K-3	TP201	J-9
CN012	J-1	Q301	J-9	TP202	L-7
CN013	H-10	Q601	G-2	TP203	L-6
CN014	E-10	Q701	C-9	TP204	J-7
CN015	G-10	Q702	D-8	TP205	I-7
CN016	H-9	Q703	D-8	TP206	L-5
CN201	J-10	Q704	D-8	TP207	K-5
CN202	J-4	Q705	D-8	TP208	K-1
CN203	K-2	Q706	E-9	TP301	I-9
CN204	J-2	Q707	F-8		
CN205	I-10	Q708	G-8		
CN206	L-6	Q709	E-9		
		Q710	F-9		
CT901	L-2	Q711	F-9		
CT902	L-1	Q712	D-8		
		Q713	D-7		
D101	A-5	Q714	E-7		
D201	J-9	Q715	E-7		
D202	J-9	Q716	F-8		
D203	J-3	Q717	D-9		
D204	J-3	Q718	D-9		
D601	E-3	Q751	C-7		
D602	E-3	Q752	D-7		
D751	F-7	Q753	D-6		
D752	E-6	Q754	D-5		
D753	C-5	Q755	D-5		
D801	H-5	Q756	F-6		
D901	K-2	Q757	G-6		
D902	K-1	Q758	G-7		
D904	F-1	Q759	G-7		
D906	I-2	Q760	G-6		
D907	G-4	Q801	H-8		
D908	G-4	Q802	H-8		
		Q803	H-7		
IC101	B-9	Q804	H-7		
IC102	B-7	Q805	H-6		
IC103	B-4	Q806	H-6		
IC104	B-2	Q807	H-5		
IC105	B-1	Q808	H-5		
IC201	L-9	Q809	H-5		
IC202	K-7	Q810	H-5		
IC203	J-5	Q815	G-4		
IC204	K-5	Q901	L-2		
IC205	K-4	Q902	K-2		
IC601	E-3	Q903	K-1		
IC602	D-1	Q904	K-1		
IC603	D-2	Q905	K-1		
IC604	G-2	Q906	K-1		
IC605	D-1	Q907	I-1		
IC701	E-8	Q908	H-2		
IC702	E-9	Q910	H-2		
IC703	G-8	Q913	I-1		
IC704	G-7	Q914	J-1		
IC751	E-6	Q915	H-2		
IC752	F-5				
IC753	D-5	RV101	B-8		
IC801	G-5	RV102	B-5		
IC901	I-2	RV103	A-5		
IC902	E-1	RV201	L-8		
IC903	G-1	RV202	K-6		
IC904	E-2	RV701	E-8		
IC906	G-3	RV703	E-8		
		RV704	E-8		
Q101	B-10	RV705	E-8		
Q102	B-8	RV706	G-6		
Q103	B-8				
Q104	B-8	TP001	B-10		
Q105	B-7	TP002	B-8		
Q106	B-6	TP003	A-9		
Q107	B-6	TP004	A-5		
Q108	B-6	TP006	F-9		
Q109	A-6	TP007	E-8		
Q110	B-6	TP008	G-9		
Q111	B-5	TP009	D-8		
Q112	B-2	TP010	F-7		
Q113	A-2	TP011	G-7		
Q114	A-4	TP012	G-6		
Q115	C-4	TP013	E-5		
Q116	C-4	TP014	D-5		
Q117	C-1	TP015	A-2		
Q118	B-1	TP016	H-9		
Q119	C-5	TP017	H-9		
Q201	K-10	TP020	H-4		
Q202	K-9	TP021	H-2		

**AV-06 BOARD (VIDEO 2)**

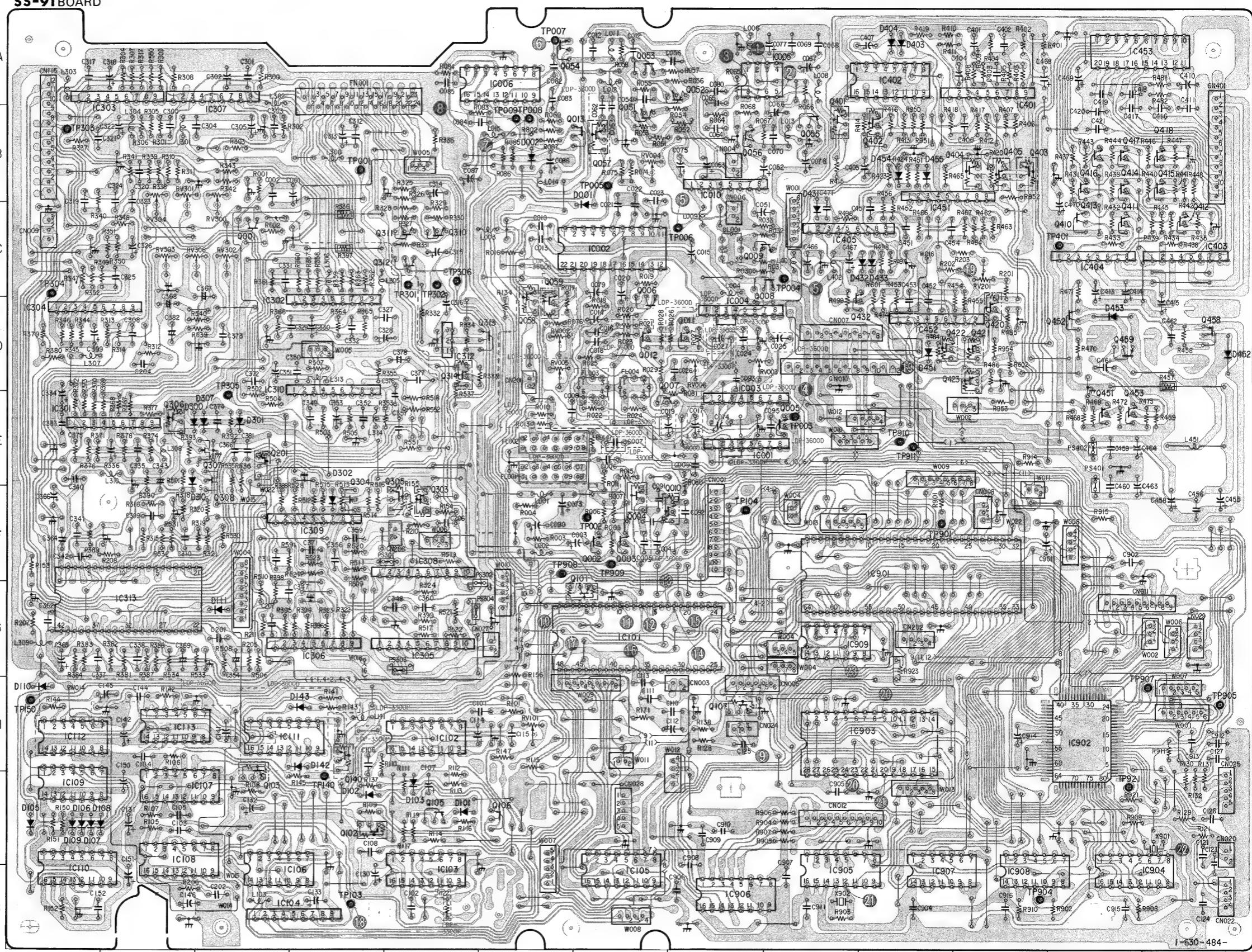


**SS-91 (SERVO (1) —FOCUS/TRACKING/SLIDE/SKEW SERVO—) PRINTED WIRING BOARD**

—Ref. No. SS-91 BOARD : 7,000 series—

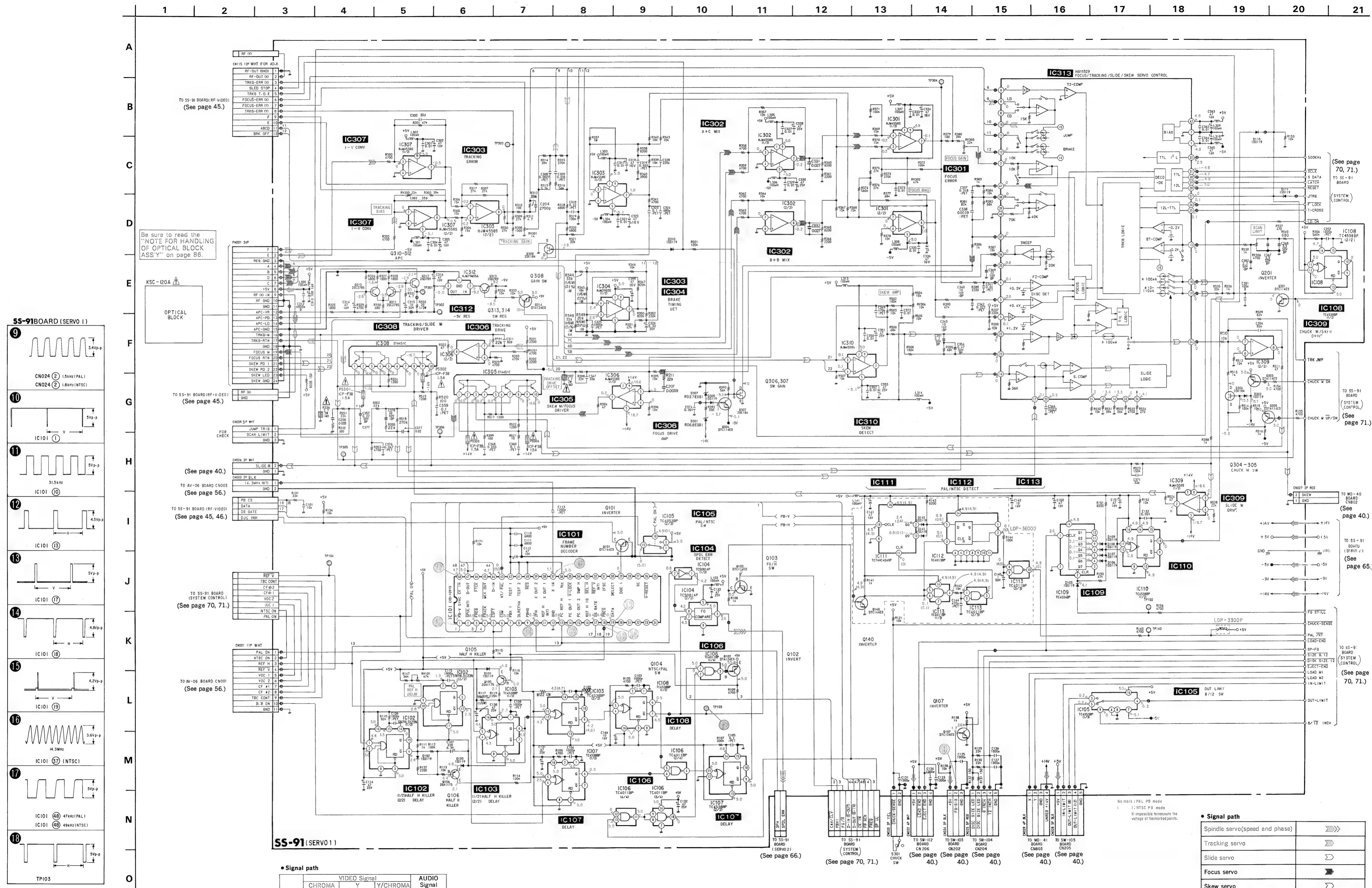
CN001	F-8	IC452	D-10
CN003	H-8	IC453	A-13
CN004	B-8	IC901	F-10
CN005	H-8	IC902	H-12
CN006	C-8	IC903	H-10
CN007	D-9	IC904	J-13
CN008	F-11	IC905	J-9
CN009	C-1	IC906	J-8
CN010	D-9	IC907	J-10
CN011	G-12	IC908	J-11
CN012	I-9	IC909	G-9
CN020	I-13	TP009	B-6
CN022	J-13	TP103	J-4
CN024	H-8	Q001	C-3
CN025	I-13	TP104	F-8
CN026	F-5	Q002	F-7
CN027	G-6	TP140	I-4
CN028	I-7	TP150	H-1
CN029	G-13	TP301	C-5
CN115	A-1	TP302	C-5
CN201	D-6	TP303	B-1
CN202	G-10	TP304	C-1
CN401	B-13	TP401	C-12
D001	C-7	TP901	F-10
D002	B-6	Q013	D-7
D101	I-5	TP905	H-13
D102	I-4	Q051	B-7
D103	I-5	TP907	H-13
D105	I-1	Q052	A-8
D106	I-1	TP908	F-6
D107	I-1	Q053	A-7
D108	I-1	TP909	F-7
D109	I-1	TP910	E-10
D110	H-1	TP911	E-10
D111	G-3	TP921	I-12
D142	H-4		
D143	H-4		
D300	E-3		
D301	E-3		
D302	F-4		
D307	E-3		
D310	E-3		
D403	A-10		
D404	A-10		
D431	C-9		
D432	C-10		
D452	D-13		
D453	D-12		
D454	B-10		
D455	B-10		
D433	C-10		
D451	D-10		
IC001	E-8		
IC002	C-7		
IC003	E-8		
IC004	D-8		
IC005	A-9		
IC006	A-6		
IC010	B-8		
IC101	G-7		
IC102	H-5		
IC103	J-5		
IC104	J-3		
IC105	J-7		
IC106	J-3		
IC107	I-2		
IC108	I-2		
IC109	I-1		
IC110	J-1		
IC111	H-3		
IC112	H-1		
IC113	H-2		
IC301	E-1		
IC302	D-4		
IC303	A-2		
IC304	D-1		
IC305	G-5		
IC306	G-4		
IC307	A-3		
IC308	F-5		
IC309	F-4		
IC310	E-4		
IC312	D-5		
IC313	G-2		
IC401	A-11		
IC402	A-10		
IC403	C-13		
IC404	C-12		
IC405	C-9		
IC451	B-10		
RV002	D-6		
RV003	D-8		
RV004	B-7		
RV005	D-6		
RV006	D-8		
RV101	H-6		
RV201	C-11		
RV300	C-3		
RV301	C-2		
RV302	C-3		
RV303	C-2		
RV304	C-2		

**SS-91 BOARD**



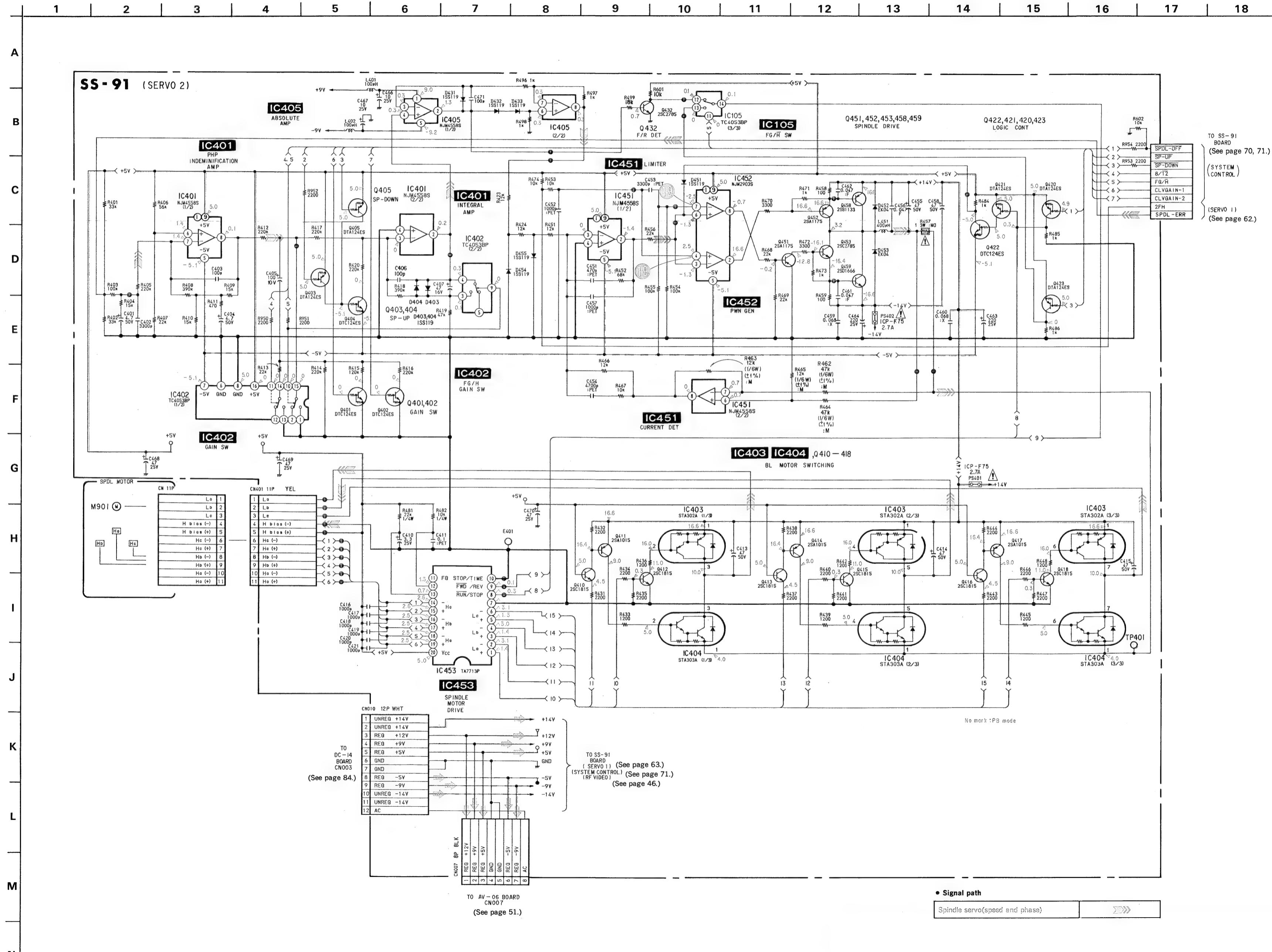
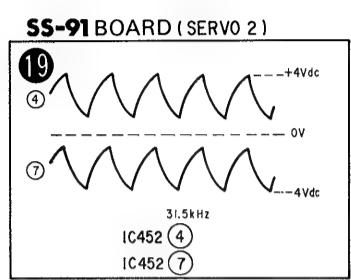
**SS-91 (SERVO (1) —FOCUS/TRACKING/SLIDE/SKEW SERVO—) SCHEMATIC DIAGRAM**  
—Ref. No. SS-91 BOARD: 7000 series—

—Ref. No. SS-91 BOARD: 7,000 series—



## **SS-91 (SERVO (2) —SPINDLE SERVO—) SCHEMATIC DIAGRAM**

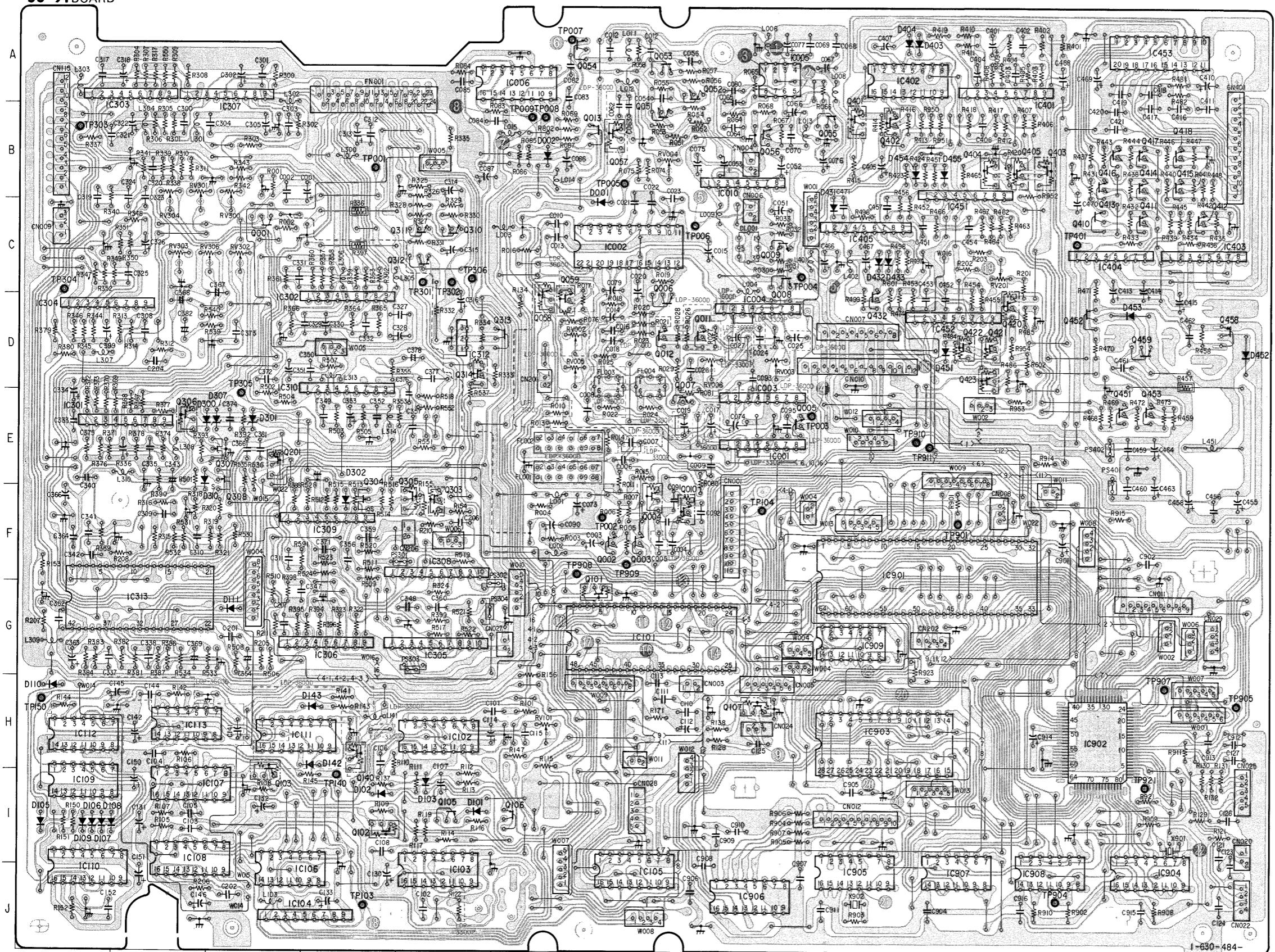
—Ref. No. SS-91 BOARD : 7,000 series—



## **SS-91 (SERVO (2) —SPINDLE SERVO—) PRINTED WIRING BOARD**

—Ref. No. SS-91 BOARD: 7,000 series—

**SS-91 BOARD**

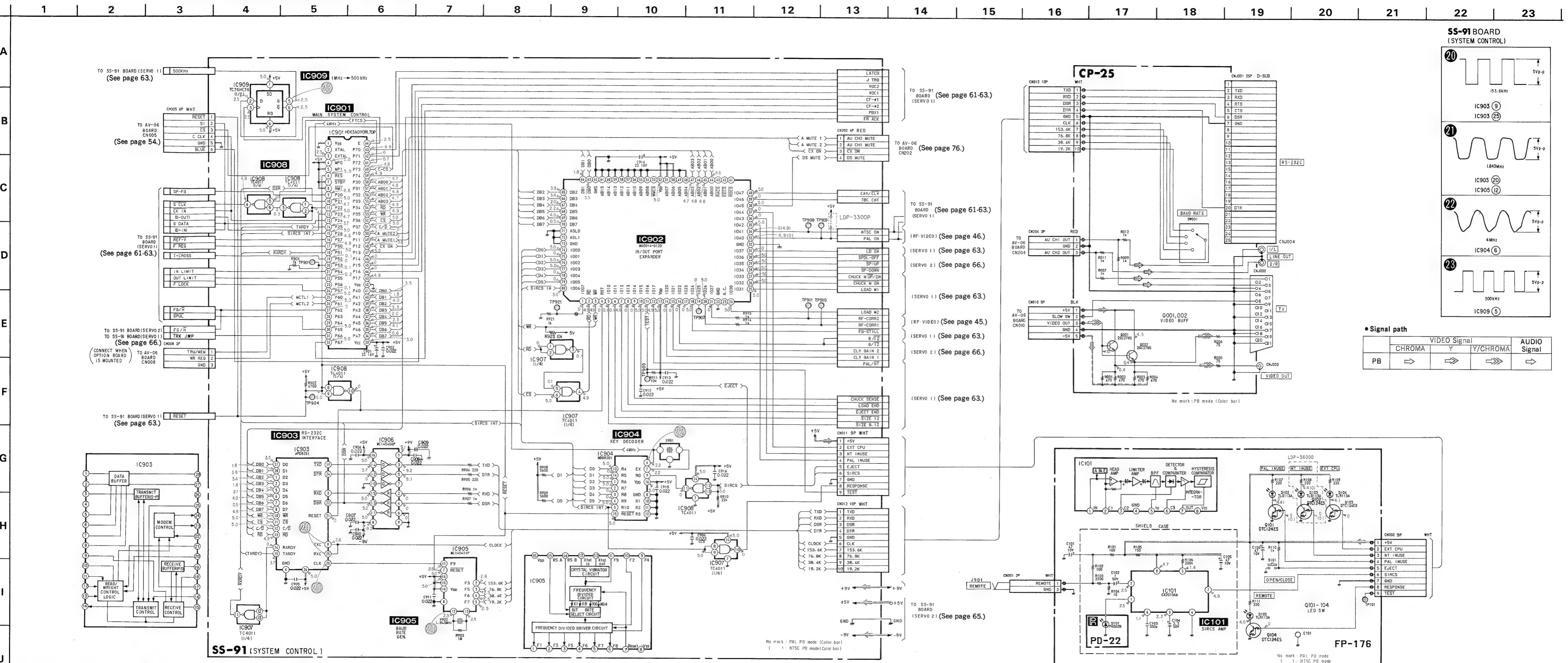


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CN003	H-8	IC453	A-13	TP001	B-4
CN004	B-8	IC901	F-10	TP002	E-7
CN005	H-8	IC902	H-12	TP003	E-9
CN006	C-8	IC903	H-10	TP004	C-9
CN007	D-9	IC904	J-13	TP005	B-7
CN008	F-11	IC905	J-9	TP006	C-8
CN009	C-1	IC906	J-8	TP007	A-6
CN010	D-9	IC907	J-10	TP008	B-6
CN011	G-12	IC908	J-11	TP009	B-6
CN012	I-9	IC909	G-9	TP103	J-4
CN020	I-13			TP104	F-8
CN022	J-13	Q001	C-3	TP140	I-4
CN024	H-8	Q002	F-7	TP150	H-1
CN025	I-13	Q003	F-7	TP301	C-5
CN026	F-5	Q004	F-7	TP302	C-5
CN027	G-6	Q005	H-8	TP303	B-1
CN028	I-7	Q006	D-7	TP304	C-1
CN029	G-13	Q007	E-8	TP305	D-3
CN115	A-1	Q008	C-9	TP306	C-5
CN201	D-6	Q009	C-9	TP401	C-12
CN202	G-10	Q010	F-8	TP901	F-10
CN401	B-13	Q011	D-8	TP904	J-11
		Q012	D-7	TP905	H-13
D001	C-7	Q013	B-7	TP907	H-13
D002	B-6	Q051	B-7	TP908	F-6
D101	I-5	Q052	A-8	TP909	F-7
D102	I-4	Q053	A-7	TP910	E-10
D103	I-5	Q054	A-6	TP911	E-10
D105	I-1	Q055	B-9	TP921	I-12
D106	I-1	Q056	B-8		
D107	I-1	Q057	B-7		
D108	I-1	Q058	D-6		
D109	I-1	Q059	D-6		
D110	H-1	Q101	G-7		
D111	G-3	Q102	I-4		
D142	H-4	Q103	I-3		
D143	H-4	Q104	J-6		
D300	E-3	Q105	I-5		
D301	E-3	Q106	I-6		
D302	F-4	Q107	H-8		
D307	E-3	Q108	I-6		
D310	E-3	Q140	H-4		
D403	A-10	Q201	E-3		
D404	A-10	Q303	F-5		
D431	C-9	Q304	F-4		
D432	C-10	Q305	F-5		
D452	D-13	Q306	E-2		
D453	D-12	Q307	E-3		
D454	B-10	Q308	F-3		
D455	B-10	Q310	C-5		
D433	C-10	Q311	C-5		
D451	D-10	Q312	C-5		
		Q313	D-6		
IC001	E-8	Q314	D-5		
IC002	C-7	Q401	B-9		
IC003	E-8	Q402	B-10		
IC004	D-8	Q403	B-11		
IC005	A-9	Q404	B-11		
IC006	A-6	Q405	B-11		
IC010	B-8	Q410	C-12		
IC101	G-7	Q411	C-12		
IC102	H-5	Q412	C-13		
IC103	J-5	Q413	B-12		
IC104	J-3	Q414	B-12		
IC105	J-7	Q415	B-13		
IC106	J-3	Q416	B-12		
IC107	I-2	Q417	B-12		
IC108	I-2	Q418	B-13		
IC109	I-1	Q420	D-11		
IC110	J-1	Q421	D-11		
IC111	H-3	Q422	D-11		
IC112	H-1	Q423	D-11		
IC113	H-2	Q432	D-10		
IC301	E-1	Q451	E-12		
IC302	D-4	Q452	D-12		
IC303	A-2	Q453	E-12		
IC304	D-1	Q458	D-13		
IC305	G-5	Q459	D-12		
IC306	G-4				
IC307	A-3	RV002	D-6		
IC308	F-5	RV003	D-8		
IC309	F-4	RV004	B-7		
IC310	E-4	RV005	D-6		
IC312	D-5	RV006	D-8		
IC313	G-2	RV101	H-6		
IC401	A-11	RV201	C-11		
IC402	A-10	RV300	C-3		
IC403	C-13	RV301	C-2		
IC404	C-12	RV302	C-3		
IC405	C-9	RV303	C-2		
IC451	B-10	RV304	C-2		

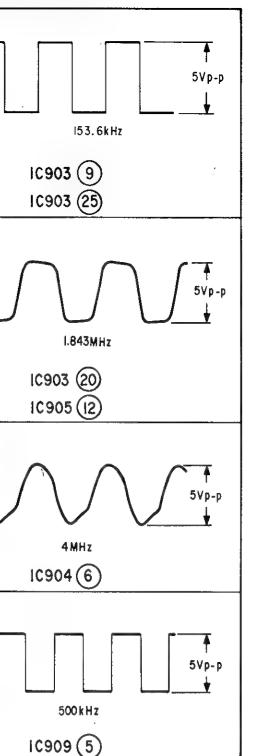


**FP-176 (SIRCS AMP, MODE LED), PD-22 (REMOTE CONTROL RECEIVER), CP-25 (JACK), SS-91 (SYSTEM CONTROL) SCHEMATIC DIAGRAM**

—Ref. No. FP-176 and PD-22 BOARDS : 1,000 series, CP-25 BOARD : 4,000 series, SS-91 BOARD : 7,000 series—

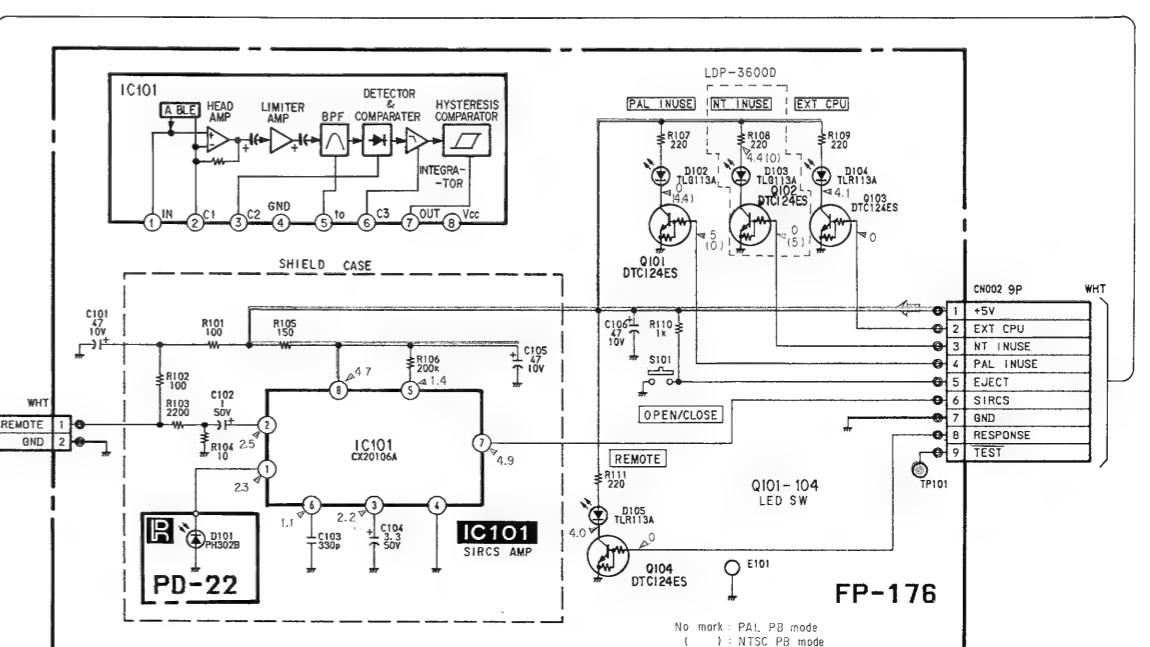


91 BOARD  
(TEM CONTROL)



- Signal path

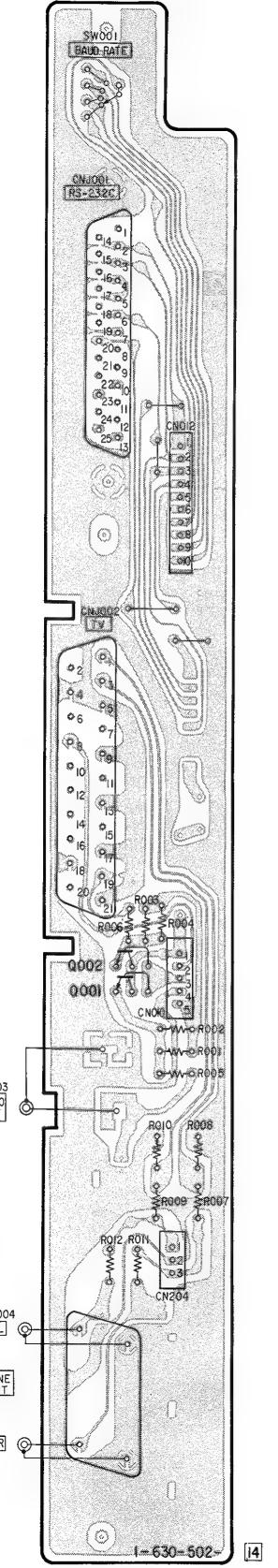
	VIDEO Signal			AUDIO Signal
	CHROMA	Y	Y/CHROMA	
PB	⇒	⇒⇒	⇒⇒⇒	⇒



P-176 (SIRCS AMP, MODE LED), PD-22 (REMOTE CONTROL RECEIVER), CP-25 (JACK), SS-91 (SYSTEM CONTROL) PRINTED WIRING BOARDS

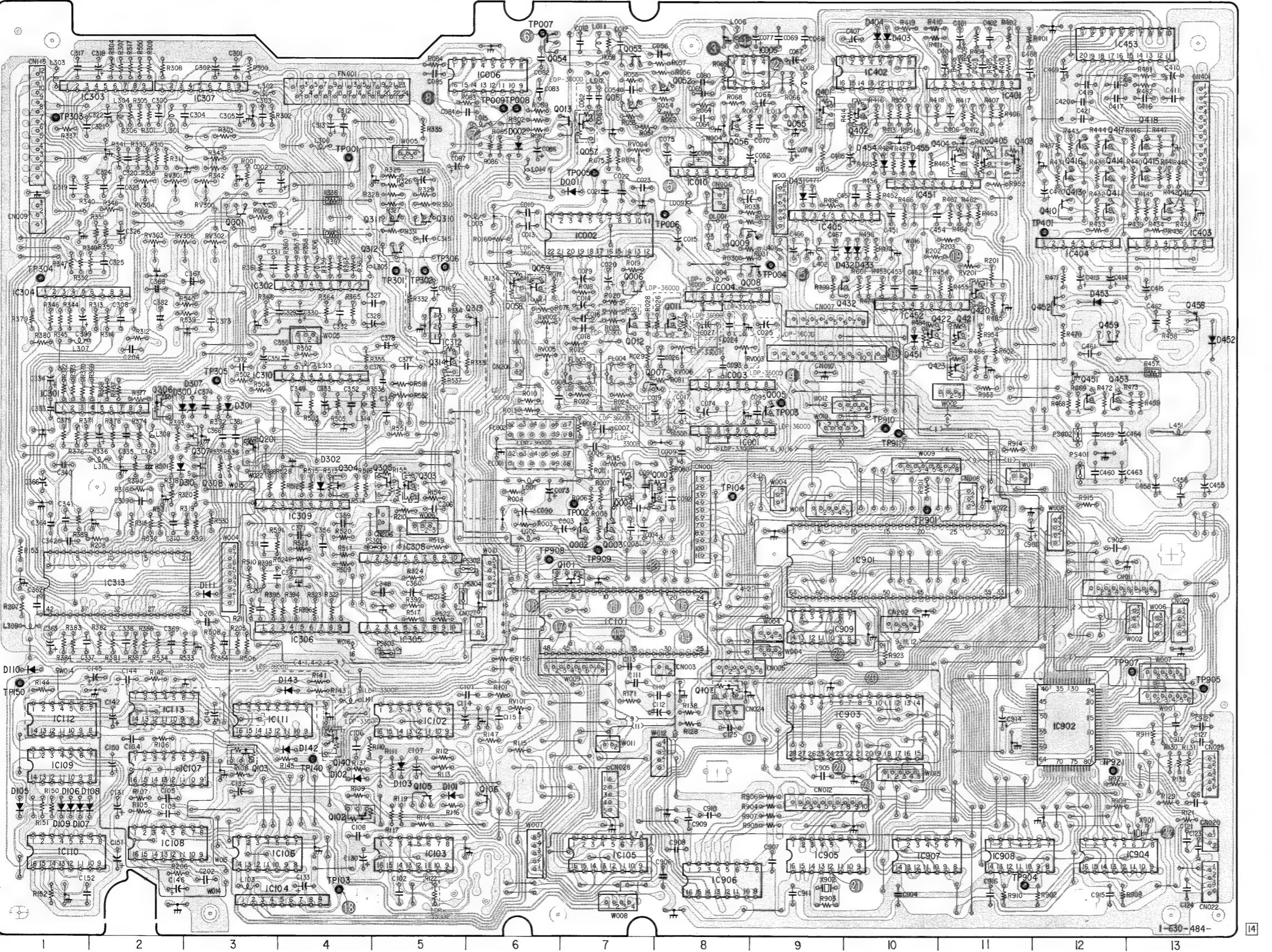
Ref. No. FP-176 and PD-22 BOARDS : 1,000 series, CP-25 BOARD : 4,000 series, SS-91 BOARD : 7,000 series—

## **P-25 BOARD**



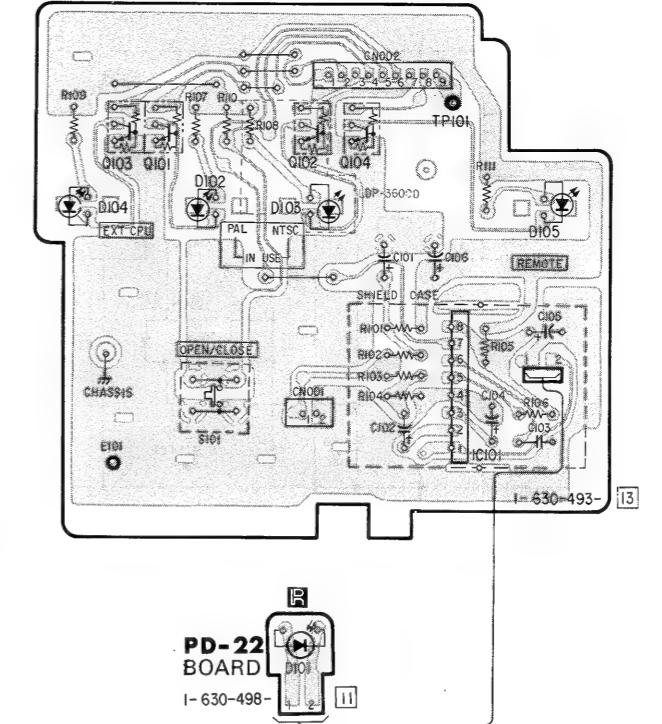
- 630 - 502 -

SS-91 BOARD



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**FP-176 BOARD**



1-6

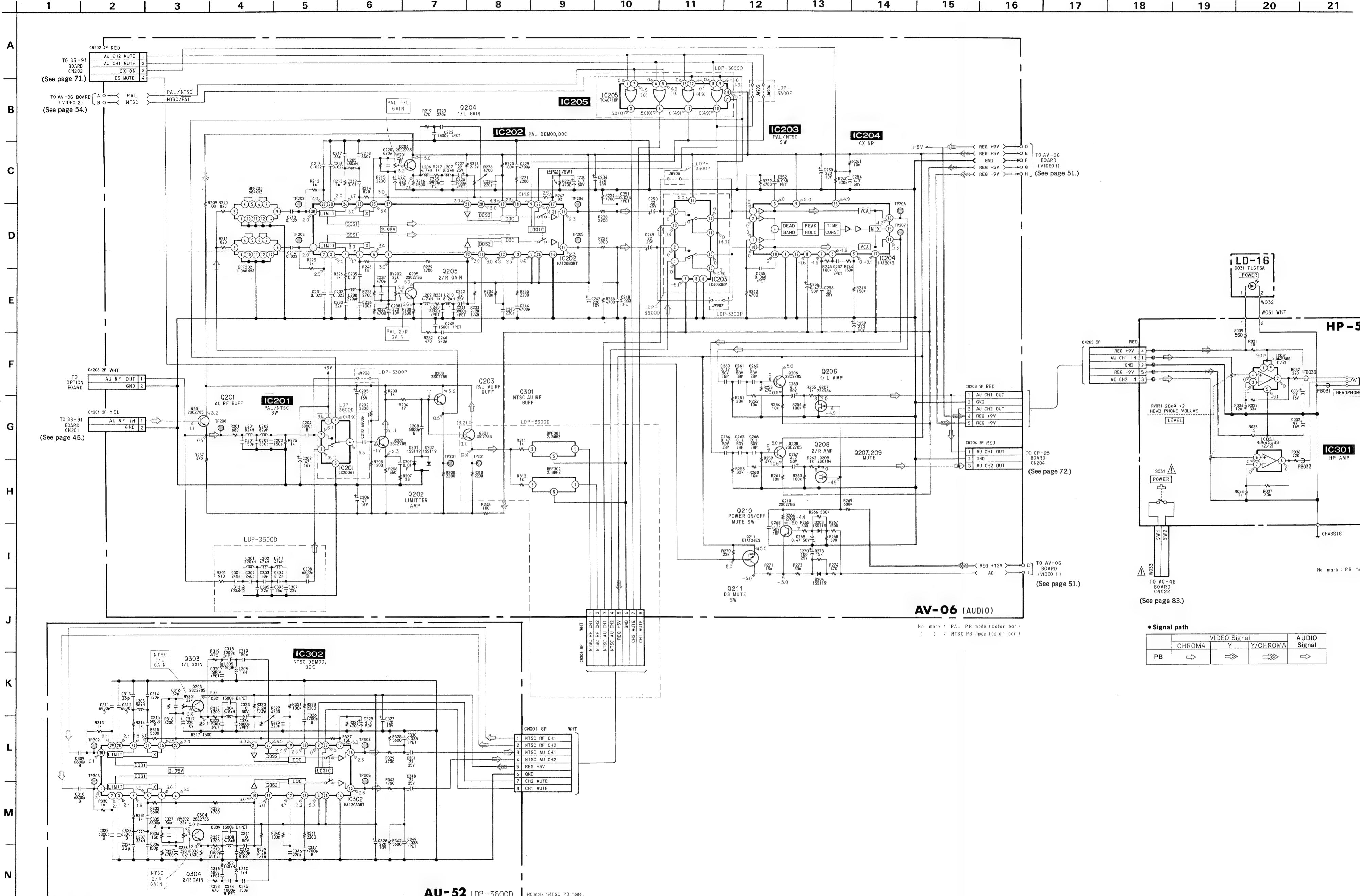
630-498-

10.000-15.000 €

I-3	Q203	J-9	TP022	E-2
K-2	Q204	K-8	TP023	I-1
C-10	Q205	K-6	TP024	I-2
F-3	Q206	I-4	TP025	K-1
A-10	Q207	K-3	TP026	E-3
H-9	Q208	L-3	TP027	C-10
I-4	Q209	K-3	TP028	B-2
I-4	Q210	J-3	TP029	A-5
I-4	Q211	K-3	TP201	J-9
J-1	Q301	J-9	TP202	L-7
H-10	Q601	G-2	TP203	L-6
E-10	Q701	C-9	TP204	J-7
G-10	Q702	D-8	TP205	I-7
H-9	Q703	D-8	TP206	L-5
J-10	Q704	D-8	TP207	K-5
J-4	Q705	D-8	TP208	K-10
K-2	Q706	E-9	TP301	I-9
J-2	Q707	F-8		
I-10	Q708	G-8		
L-6	Q709	E-9		
L-2	Q710	F-9		
L-1	Q711	F-9		
Q712	D-8			
Q713	D-7			
A-5	Q714	E-7		
J-9	Q715	E-7		
J-9	Q716	F-8		
J-3	Q717	D-9		
J-3	Q718	D-9		
E-3	Q751	C-7		
E-3	Q752	D-7		
F-7	Q753	D-6		
E-6	Q754	D-5		
C-5	Q755	D-5		
H-5	Q756	F-6		
K-2	Q757	G-6		
K-1	Q758	G-7		
F-1	Q759	G-7		
I-2	Q760	G-6		
G-4	Q801	H-8		
G-4	Q802	H-8		
Q803	H-7			
B-9	Q804	H-7		
B-7	Q805	H-6		
B-4	Q806	H-6		
B-2	Q807	H-5		
B-1	Q808	H-5		
L-9	Q809	H-5		
K-7	Q810	H-5		
J-5	Q815	G-4		
K-5	Q901	L-2		
K-4	Q902	K-2		
E-3	Q903	K-1		
D-1	Q904	K-1		
D-2	Q905	K-1		
G-2	Q906	K-1		
D-1	Q907	I-1		
E-8	Q908	H-2		
E-9	Q910	H-2		
G-8	Q913	I-1		
G-7	Q914	J-1		
E-6	Q915	H-2		
F-5				
D-5	RV101	B-8		
G-5	RV102	B-5		
I-2	RV103	A-5		
E-1	RV201	L-8		
G-1	RV202	K-6		
E-2	RV701	E-8		
G-3	RV703	E-8		
	RV704	E-8		
B-10	RV705	E-8		
B-8	RV706	G-6		
B-8				
B-8	TP001	B-10		
B-7	TP002	B-8		
B-6	TP003	A-9		
B-6	TP004	A-5		
B-6	TP006	F-9		
A-6	TP007	E-8		
B-6	TP008	G-9		
B-5	TP009	D-8		
B-2	TP010	F-7		
A-2	TP011	G-7		
A-4	TP012	G-6		
C-4	TP013	E-5		
C-4	TP014	D-5		
C-1	TP015	A-2		
B-1	TP016	H-9		
C-5	TP017	H-9		
K-10	TP020	H-4		
K-9	TP021	H-2		

**AV-06 (AUDIO—PAL DEMOD/DOC, CX NR—), AU-52 (NTSC DEMOD/DOC), HP-54 (HEADPHONE AMP, POWER SW), LD-16 (POWER LED) SCHEMATIC DIAGRAM**

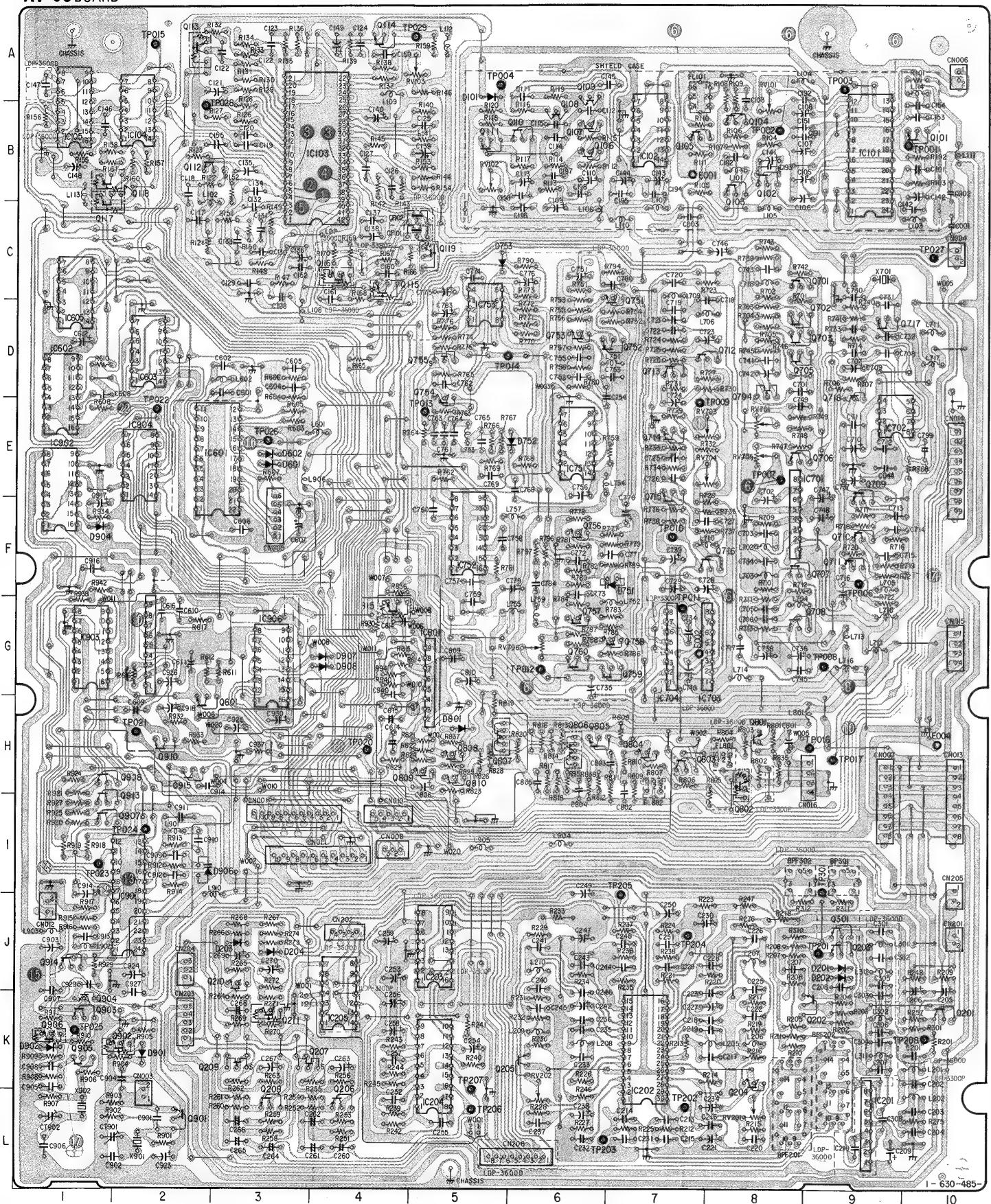
—Ref. No. AV-06 BOARD: 2,000 series, AU-52 BOARD: 3,000 series, HP-54 and LD-16 BOARDS: 5,000 series—



**AV-06 (AUDIO—PAL DEMOD/DOC, CX NR—), AU-52 (NTSC DEMOD/DOC), HP-54 (HEADPHONE AMP, POWER SW), LD-16 (POWER LED) PRINTED WIRING BOARDS**

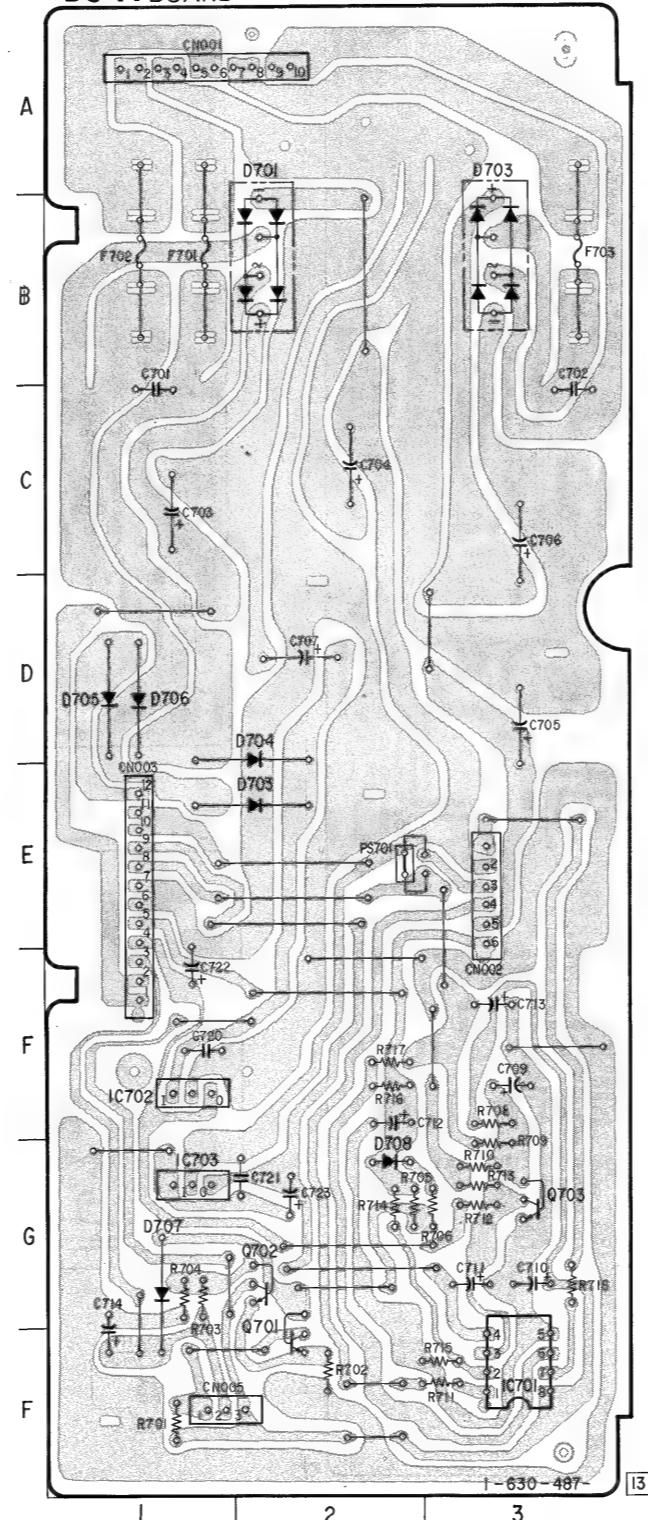
—Ref. No. AV-06 BOARD : 2,000 series, AU-52 BOARD : 3,000 series, HP-54 and LD-16 BOARDS : 5,000 series—

**AV-06 BOARD**

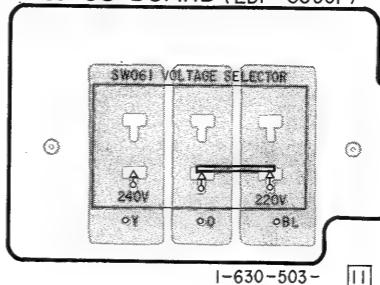


**AC-46 (AC IN, LFT), DC-14, DC-15, DC-19 AND DC-20 (RECT, REG), PW-63 (POWER TRANSFORMER), PW-64 AND PW-68 (VOLTAGE SELECTOR) PRINTED WIRING BOARDS**  
 —Ref. No. AC-46, DC-14, DC-15, DC-19 and DC-20 BOARDS : 1,000 series, PW-63, PW-64 and PW-68 BOARDS : 6,000 series—

**DC-14 BOARD**



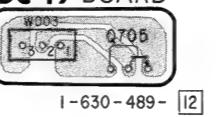
**PW-68 BOARD (LDP-3300P)**



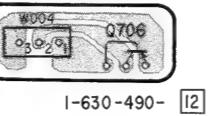
**DC-15 BOARD**



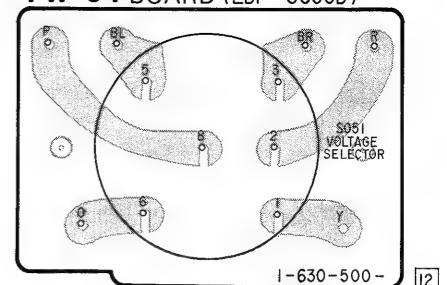
**DC-19 BOARD**



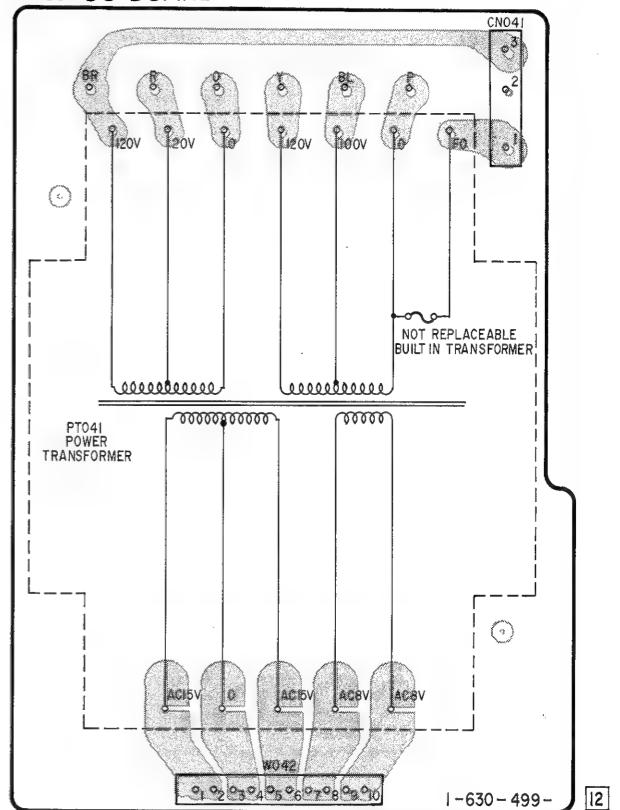
**DC-20 BOARD**



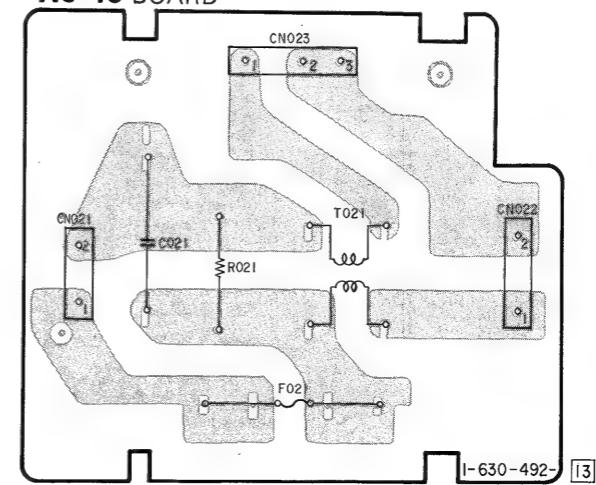
**PW-64 BOARD (LDP-3600D)**



**PW-63 BOARD**



**AC-46 BOARD**





## NOTE FOR HANDLING OF OPTICAL BLOCK ASS'Y

- Sometimes electrostatic breakdown of the laser diode in the optical block ass'y is caused by potential difference between the electrostatic charge of the block and the one of clothes or a human body.

Be careful to the following notes for preventing the diode from the breakdown.

Also, these notes are enclosed in repair part package.

### 1. Grounding for the human body

Be sure to put on a wrist-strap for grounding (with impedance lower than  $10^8 \Omega$ ) whose other end is grounded. The strap works to drain away the static electricity build-up on the human body.

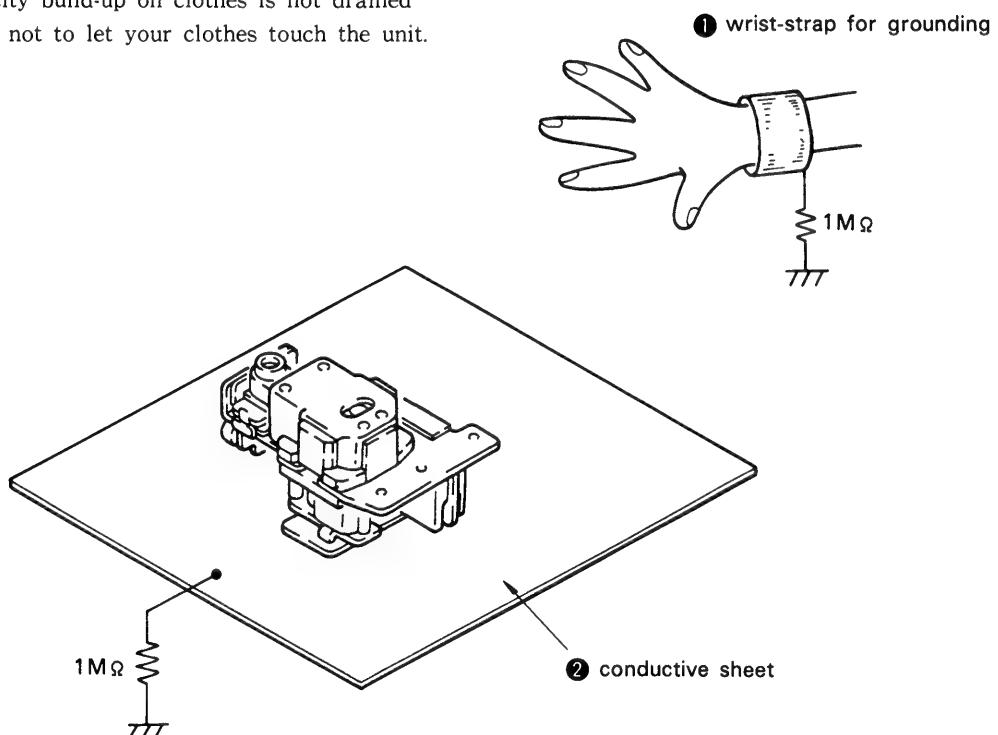
### 2. Grounding for the work table

Be sure to lay on the table a conductive sheet (with impedance lower than  $10^9 \Omega$ ) such as a sheet of copper, which is grounded.

### 3. As static electricity build-up on clothes is not drained away, be careful not to let your clothes touch the unit.

The following manners are recommended as reference.

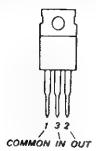
1. Cover a work table with a conductive sheet (black sheet used for the part package).
2. Place a set on the sheet so that the chassis of the set contacts the sheet (for making the potential of the set equal to the one of the sheet).
3. Put hands on the conductive sheet (for making the potential of a human body equal to the one of the sheet).
4. Take out the optical block ass'y from its bag.
5. Work should be done on the conductive sheet with care that clothes do not touch the optical block ass'y.



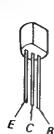
- Be careful not to put dust or fingerprints on the object lens and skew lens while handling.

## 4-2. SEMICONDUCTORS

**NJM78M09A  
NJM79M09A**



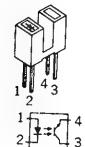
**2SA1015-GR  
2SC1815-GR**



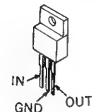
**2SK184-GR**



**GP1S54**



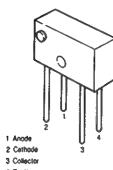
**NJM79M05A**



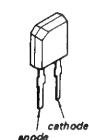
**2SA1206-K1  
2SC2901-K**



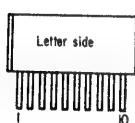
**EE-SF5-B**



**PH302D**



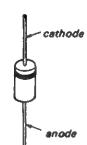
**STA-451C**



**2SB1133-S  
2SD1666-R**



**EK04  
ERA81-005  
10E-2**



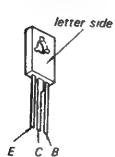
**PY5504S-1**



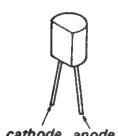
**DTA114ES  
DTA124ES  
DTC114ES  
DTC124ES  
DTC144ES**



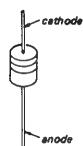
**2SC1583-G**



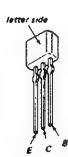
**FC52M-5**



**RD2.7ESB1  
RD6.8ESB1  
1SS119**



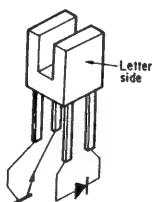
**2SA1175-HFE  
2SC2785-HFE**



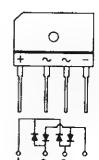
**2SD789-4Z**



**GP1S17**



**4D4B44**



## **SECTION 6**

### **ELECTRICAL PARTS LIST**

CP-25

HP-54

LD-16

**AU-52**

**NOTE:**

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
  - Items marked “\*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
  - If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

## CAPACITORS:

MF:  $\mu F$ , PF:  $\mu\mu F$ .

## RESISTORS

- All resistors are in ohms.
  - F: nonflammable

## COILS

- MMH: mH, UH:  $\mu$ H

## SEMICONDUCTORS

In each case, U:  $\mu$ , for example:  
 UA...:  $\mu$ A..., UPA...:  $\mu$ PA...,  
 UPC...:  $\mu$ PC, UPD...:  $\mu$ PD...

The components identified by mark  or dotted line with mark  are critical for safety.  
Replace only with part number specified.

When indicating parts by reference number, please include the board name.

<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>	<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>
C322	1-130-473-00	MYLAR	0.0015MF	5%	50V	R315	1-249-426-11	CARBON	5.6K	5%	1/4W
C323	1-123-875-11	ELECT	10MF	20%	50V	R316	1-249-428-11	CARBON	8.2K	5%	1/4W
C324	1-130-481-00	MYLAR	0.0068MF	5%	50V	R317	1-249-419-11	CARBON	1.5K	5%	1/4W
C325	1-162-286-31	CERAMIC	220PF	10%	50V	R318	1-249-418-11	CARBON	1.2K	5%	1/4W
C326	1-161-377-00	CERAMIC	0.0047MF	30%	16V	R319	1-249-413-11	CARBON	470	5%	1/4W
C327	1-126-176-11	ELECT	220MF	20%	10V	R320	1-210-821-00	CARBON	2.2M	5%	1/4W
C328	1-126-176-11	ELECT	220MF	20%	10V	R321	1-249-441-11	CARBON	100K	5%	1/4W
C329	1-124-927-11	ELECT	4.7MF	20%	50V	R322	1-249-425-11	CARBON	4.7K	5%	1/4W
C330	1-130-489-00	MYLAR	0.033MF	5%	50V	R323	1-249-421-11	CARBON	2.2K	5%	1/4W
C331	1-126-233-11	ELECT	22MF	20%	25V	R326	1-249-425-11	CARBON	4.7K	5%	1/4W
C332	1-161-329-00	CERAMIC	0.0068MF	20%	16V	R327	1-249-407-11	CARBON	150	5%	1/4W
C333	1-161-329-00	CERAMIC	0.0068MF	20%	16V	R328	1-249-426-11	CARBON	5.6K	5%	1/4W
C334	1-162-211-31	CERAMIC	33PF	5%	50V	R329	1-249-425-11	CARBON	4.7K	5%	1/4W
C335	1-161-329-00	CERAMIC	0.0068MF	20%	16V	R330	1-249-417-11	CARBON	1K	5%	1/4W
C336	1-162-282-31	CERAMIC	100PF	10%	50V	R331	1-249-417-11	CARBON	1K	5%	1/4W
C337	1-162-217-31	CERAMIC	56PF	5%	50V	R332	1-249-425-11	CARBON	4.7K	5%	1/4W
C338	1-126-176-11	ELECT	220MF	20%	10V	R333	1-249-426-11	CARBON	5.6K	5%	1/4W
C339	1-130-473-00	MYLAR	0.0015MF	5%	50V	R334	1-249-431-11	CARBON	15K	5%	1/4W
C340	1-130-473-00	MYLAR	0.0015MF	5%	50V	R335	1-249-425-11	CARBON	4.7K	5%	1/4W
C341	1-123-875-11	ELECT	10MF	20%	50V	R336	1-249-419-11	CARBON	1.5K	5%	1/4W
C342	1-130-481-00	MYLAR	0.0068MF	5%	50V	R337	1-249-418-11	CARBON	1.2K	5%	1/4W
C343	1-130-469-00	MYLAR	680PF	5%	50V	R338	1-249-413-11	CARBON	470	5%	1/4W
C344	1-130-471-00	MYLAR	0.001MF	5%	50V	R339	1-210-821-00	CARBON	2.2M	5%	1/4W
C345	1-162-284-31	CERAMIC	150PF	10%	50V	R340	1-249-441-11	CARBON	100K	5%	1/4W
C346	1-162-286-31	CERAMIC	220PF	10%	50V	R341	1-249-421-11	CARBON	2.2K	5%	1/4W
C347	1-161-377-00	CERAMIC	0.0047MF	30%	16V	R342	1-249-426-11	CARBON	5.6K	5%	1/4W
C348	1-126-233-11	ELECT	22MF	20%	25V	R343	1-249-425-11	CARBON	4.7K	5%	1/4W
C349	1-130-489-00	MYLAR	0.033MF	5%	50V						
<u>CONNECTOR</u>											
CN001	1-506-487-11	PIN, CONNECTOR 8P									
<u>IC</u>											
IC302	8-759-303-75	IC HA12083NT									
<u>COIL</u>											
L303	1-408-418-00	INDUCTOR	56UH								
L304	1-410-069-11	INDUCTOR	6.8MMH								
L305	1-408-423-00	INDUCTOR	150UH								
L306	1-410-119-11	INDUCTOR	1MMH								
L307	1-408-415-00	INDUCTOR	33UH								
L308	1-410-069-11	INDUCTOR	6.8MMH								
L309	1-408-423-00	INDUCTOR	150UH								
L310	1-410-119-11	INDUCTOR	1MMH								
<u>TRANSISTOR</u>											
Q303	8-729-119-78	TRANSISTOR 2SC2785-HFE									
Q304	8-729-119-78	TRANSISTOR 2SC2785-HFE									
<u>RESISTOR</u>											
R313	1-249-417-11	CARBON	1K	5%	1/4W						
R314	1-249-417-11	CARBON	1K	5%	1/4W						
<u>CAPACITOR</u>											
C101	1-124-589-11	ELECT	47MF								
C102	1-126-160-11	ELECT	1MF								
C103	1-162-288-31	CERAMIC	330PF								
C104	1-126-162-11	ELECT	3.3MF								
C105	1-124-589-11	ELECT	47MF								
C106	1-124-589-11	ELECT	47MF								
<u>CONNECTOR</u>											
CN001	1-506-467-11	PIN, CONNECTOR 2P									
CN002	1-506-488-11	PIN, CONNECTOR 9P									
<u>DIODE</u>											
D102	8-719-955-04	DIODE PY5504S-1 (PAL INUSE)									

When indicating parts by reference number, please include the board name.

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
D103	8-719-955-04	DIODE PY504S-1 (NTSC INUSE) (LDP-3600D)					
D104	8-719-920-66	DIODE SLR-54VC12 (EXT CPU)					
D105	8-719-920-66	DIODE SLR-54VC12 (REMOTE)					
<u>IC</u>							
IC101	8-759-602-54	IC CX20106A					
<u>TRANSISTOR</u>							
Q101	8-729-900-36	TRANSISTOR DTC124ES					
Q102	8-729-900-36	TRANSISTOR DTC124ES (LDP-3600D)					
Q103	8-729-900-36	TRANSISTOR DTC124ES					
Q104	8-729-900-36	TRANSISTOR DTC124ES					
<u>RESISTOR</u>							
R101	1-249-405-11	CARBON	100	5%	1/4W		
R102	1-249-405-11	CARBON	100	5%	1/4W		
R103	1-249-421-11	CARBON	2.2K	5%	1/4W		
R104	1-249-393-11	CARBON	10	5%	1/4W		
R105	1-249-407-11	CARBON	150	5%	1/4W		
R106	1-247-886-11	CARBON	200K	5%	1/4W		
R107	1-249-409-11	CARBON	220	5%	1/4W		
R108	1-249-409-11	CARBON	220	5%	1/4W		
R109	1-249-409-11	CARBON	220	5%	1/4W		
R110	1-249-417-11	CARBON	1K	5%	1/4W		
R111	1-249-409-11	CARBON	220	5%	1/4W		
<u>SWITCH</u>							
S101	1-570-472-11	SWITCH, KEY BOARD (OPEN/CLOSE)					
*****							
*1-630-498-11 PD-22 BOARD (Ref.No 1,000 Series) *****							
<u>DIODE</u>							
D101	8-719-118-33	DIODE PH302B					
*****							
*A-6421-312-A DC-14 BOARD, COMPLETE ***** (LDP-3300P/3600D: AEP/UK)							
*A-6421-433-A DC-14 BOARD, COMPLETE (LDP-3600D: US) *****							
1-533-189-11 HOLDER, FUSE *3-309-144-21 HEAT SINK *3-701-946-25 LABEL (3.15A125V), FUSE (LDP-3600D: US) 3-701-946-27 LABEL (5A125V), FUSE (LDP-3600D: US) 7-685-646-79 SCREW +BVTP 3X8 TYPE2 SLIT							
7-685-646-79 SCREW +BVTP 3X8 TYPE2 IT-3 7-685-648-79 SCREW +BVTP 3X12 TYPE2 SLIT							
<u>CAPACITOR</u>							
C701	1-101-006-00	CERAMIC	0.047MF		50V		
C702	1-101-006-00	CERAMIC	0.047MF		50V		
C703	1-124-771-00	ELECT	6800MF	20%	25V		
C704	1-124-771-00	ELECT	6800MF	20%	25V		
C705	1-126-091-11	ELECT	15000MF	20%	10V		
C706	1-126-091-11	ELECT	15000MF	20%	10V		
C707	1-124-771-00	ELECT	6800MF	20%	25V		
C709	1-124-443-00	ELECT	100MF	20%	10V		
C710	1-126-096-11	ELECT	10MF	20%	25V		
C711	1-126-096-11	ELECT	10MF	20%	25V		
C712	1-124-443-00	ELECT	100MF	20%	10V		
C713	1-124-443-00	ELECT	100MF	20%	10V		
C714	1-124-120-11	ELECT	220MF	20%	16V		
C720	1-101-006-00	CERAMIC	0.047MF		50V		
C721	1-101-006-00	CERAMIC	0.047MF		50V		
C722	1-126-096-11	ELECT	10MF	20%	25V		
C723	1-126-096-11	ELECT	10MF	20%	25V		
<u>CONNECTOR</u>							
CN001	*1-560-898-00	PIN, CONNECTOR 10P					
CN002	*1-560-894-00	PIN, CONNECTOR 6P					
CN003	*1-560-900-00	PIN, CONNECTOR 12P					
CN005	*1-560-891-00	PIN, CONNECTOR 3P					
<u>DIODE</u>							
D701	8-719-801-74	DIODE 4D4B44					
D702	8-719-801-74	DIODE 4D4B44					
D703	8-719-981-01	DIODE ERA81-004					
D704	8-719-981-01	DIODE ERA81-004					
D705	8-719-200-02	DIODE 10E-2					
D706	8-719-200-02	DIODE 10E-2					
D707	8-719-981-01	DIODE ERA81-004					
D708	8-719-911-19	DIODE 1SS119					
<u>FUSE</u>							
F701	▲.1-532-299-00	FUSE, TIME-LAG (T5A) (LDP-3300P/3600D: AEP/UK)					
F701	▲.1-532-747-11	FUSE, GLASS TUBE 5A (LDP-3600D: US)					
F702	▲.1-532-299-00	FUSE, TIME-LAG (T5A) (LDP-3300P/3600D: AEP/UK)					
F702	▲.1-532-747-11	FUSE, GLASS TUBE 5A (LDP-3600D: US)					
F703	▲.1-532-237-00	FUSE, TIME-LAG (T3.15A) (LDP-3300P/3600D: AEP/UK)					
F703	▲.1-532-745-11	FUSE, GLASS TUBE 3.15A (LDP-3600D: US)					
<u>IC</u>							
IC701	8-759-135-80	IC UPC358C					
IC702	8-759-982-34	IC RC78M09FA					
IC703	8-759-982-54	IC RC79M09FA					

When indicating parts by reference number, please include the board name.

Note: The components identified by mark ▲ or dotted line with mark ▲ are critical for safety. Replace only with part number specified.

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
<u>IC LINK</u>							
PS701△.1-532-637-00	LINK, IC (ICP-N25 1A)			C009	1-161-329-00	CERAMIC	0.0068MF 20% 16V
<u>TRANSISTOR</u>							
Q701	8-729-119-78	TRANSISTOR 2SC2785-HFE		C010	1-162-284-31	CERAMIC	150PF 10% 50V
Q702	8-729-119-78	TRANSISTOR 2SC2785-HFE		C011	1-162-211-31	CERAMIC	33PF 5% 50V
Q703	8-729-119-78	TRANSISTOR 2SC2785-HFE		C012	1-161-379-00	CERAMIC	0.01MF 30% 16V
<u>RESISTOR</u>							
R701	1-249-425-11	CARBON	4.7K 5% 1/4W	C013	1-162-209-31	CERAMIC	27PF 5% 50V
R702	1-249-413-11	CARBON	470 5% 1/4W	C014	1-123-875-11	ELECT	10MF 20% 50V
R703	1-215-431-00	METAL	2.7K 1% 1/6W	C015	1-126-103-11	ELECT	470MF 20% 16V
R704	1-215-429-00	METAL	2.2K 1% 1/6W	C016	1-162-211-31	CERAMIC	33PF 5% 50V
R705	1-249-417-11	CARBON	1K 5% 1/4W	C017	1-124-477-11	ELECT	47MF 20% 16V (LDP-3600D)
R706	1-249-405-11	CARBON	100 5% 1/4W	C018	1-162-203-31	CERAMIC	15PF 5% 50V
R708	1-249-433-11	CARBON	22K 5% 1/4W	C019	1-124-589-11	ELECT	47MF 20% 16V
R709	1-249-424-11	CARBON	3.9K 5% 1/4W	C020	1-124-963-11	ELECT	33MF 20% 16V
R710	1-249-429-11	CARBON	10K 5% 1/4W	C021	1-161-329-00	CERAMIC	0.0068MF 20% 16V
R711	1-249-408-11	CARBON	180 5% 1/4W	C022	1-161-329-00	CERAMIC	0.0068MF 20% 16V
R712	1-215-445-00	METAL	10K 1% 1/6W	C023	1-162-215-31	CERAMIC	47PF 5% 50V
R713	1-215-435-00	METAL	3.9K 1% 1/6W	C024	1-102-976-00	CERAMIC	180PF 5% 50V (LDP-3600D)
R714	1-215-445-00	METAL	10K 1% 1/6W	C025	1-124-477-11	ELECT	47MF 20% 16V (LDP-3600D)
R715	1-215-445-00	METAL	10K 1% 1/6W	C026	1-102-976-00	CERAMIC	180PF 5% 50V
R716	1-215-445-00	METAL	10K 1% 1/6W	C027	1-124-477-11	ELECT	47MF 20% 16V (LDP-3600D)
R717	1-215-445-00	METAL	10K 1% 1/6W	C028	1-124-589-11	ELECT	47MF 20% 16V
R718	1-249-408-11	CARBON	180 5% 1/4W	C029	1-126-157-11	ELECT	10MF 20% 16V
*****							
*A-6421-314-A	SS-91 (D) BOARD, COMPLETE *****			C030	1-124-589-11	ELECT	47MF 20% 16V
	(LDP-3600D: AEP/UK)			C031	1-162-207-31	CERAMIC	22PF 5% 50V
*A-6421-324-A	SS-91 (P) BOARD, COMPLETE (LDP-3300P) *****			C032	1-162-213-31	CERAMIC	39PF 5% 50V
				C033	1-126-529-11	ELECT	0.47MF 20% 50V
*A-6421-434-A	SS-91 (U) BOARD, COMPLETE (Ref.No 7,000 ***** Series) (LDP-3600D: US)			C034	1-161-379-00	CERAMIC	0.01MF 30% 16V
1-540-044-11	SOCKET, IC 64P			C035	1-124-463-00	ELECT	0.1MF 20% 50V
*3-309-144-21	HEAT SINK			C036	1-124-589-11	ELECT	47MF 20% 16V
7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S			C037	1-161-494-00	CERAMIC	0.022MF 25V
7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			C038	1-161-494-00	CERAMIC	0.022MF 25V
<u>CAPACITOR</u>							
C001	1-124-791-11	ELECT	1MF 20% 50V	C039	1-124-477-11	ELECT	47MF 20% 16V
C002	1-161-329-00	CERAMIC	0.0068MF 20% 16V	C040	1-124-589-11	ELECT	47MF 20% 16V
C003	1-126-160-11	ELECT	1MF 20% 50V	C041	1-162-292-31	CERAMIC	680PF 10% 50V
C004	1-162-280-31	CERAMIC	82PF 10% 50V	C042	1-130-494-11	MYLAR	0.082MF 5% 50V
C005	1-162-213-31	CERAMIC	39PF 5% 50V	C043	1-124-443-00	ELECT	100MF 20% 10V
C006	1-161-494-00	CERAMIC	0.022MF 25V (LDP-3600D)	C044	1-124-443-00	ELECT	100MF 20% 10V
C007	1-130-495-00	MYLAR	0.1MF 5% 50V (LDP-3300P)	C045	1-124-589-11	ELECT	47MF 20% 16V
C008	1-161-494-00	CERAMIC	0.022MF 25V (LDP-3600D)	C046	1-161-329-00	CERAMIC	0.0068MF 20% 16V (LDP-3600D)
	1-130-476-00	MYLAR	0.0027MF 5% 50V	C047	1-161-329-00	CERAMIC	0.0068MF 20% 16V
				C048	1-161-329-00	CERAMIC	0.0068MF 20% 16V
				C049	1-161-329-00	CERAMIC	0.0068MF 20% 16V

When indicating parts by reference number, please include the board name.

Note: The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Ref.No	Part No.	Description		Remark	Ref.No	Part No.	Description		Remark
C095	1-161-494-00	CERAMIC	0.022MF	25V	C317	1-161-379-00	CERAMIC	0.01MF	30%
C101	1-162-199-31	CERAMIC	10PF	5% 50V	C318	1-124-589-11	ELECT	47MF	20% 16V
C102	1-130-471-00	MYLAR	0.001MF	5% 50V	C319	1-130-489-00	MYLAR	0.033MF	5% 50V
C103	1-130-471-00	MYLAR	0.001MF	5% 50V	C320	1-162-286-31	CERAMIC	220PF	10% 50V
C104	1-130-471-00	MYLAR	0.001MF	5% 50V	C321	1-161-379-00	CERAMIC	0.01MF	30% 16V
C105	1-130-495-00	MYLAR	0.1MF	5% 50V	C322	1-124-589-11	ELECT	47MF	20% 16V
C106	1-130-471-00	MYLAR	0.001MF	5% 50V	C323	1-130-495-00	MYLAR	0.1MF	5% 50V
C107	1-126-176-11	ELECT	220MF	20% 6.3V	C324	1-130-469-00	MYLAR	680PF	5% 50V
C108	1-130-471-00	MYLAR	0.001MF	5% 50V	C325	1-130-471-00	MYLAR	0.001MF	5% 50V
C110	1-161-329-00	CERAMIC	0.0068MF	20% 16V	C326	1-131-344-00	TANTALUM	0.33MF	10% 35V
C111	1-161-329-00	CERAMIC	0.0068MF	20% 16V	C327	1-130-483-00	MYLAR	0.01MF	5% 50V
C112	1-124-446-11	ELECT	47MF	20% 10V	C328	1-124-477-11	ELECT	47MF	20% 25V
C113	1-130-472-00	MYLAR	0.0012MF	5% 50V	C329	1-130-483-00	MYLAR	0.01MF	5% 50V
C114	1-124-477-11	ELECT	47MF	20% 25V	C330	1-124-477-11	ELECT	47MF	20% 25V
C115	1-130-471-00	MYLAR	0.001MF	5% 50V	C331	1-130-476-00	MYLAR	0.0027MF	5% 50V
C121	1-162-294-31	CERAMIC	0.001MF	10% 50V	C332	1-130-476-00	MYLAR	0.0027MF	5% 50V
C123	1-162-294-31	CERAMIC	0.001MF	10% 50V	C333	1-130-483-00	MYLAR	0.01MF	5% 50V
C124	1-162-294-31	CERAMIC	0.001MF	10% 50V	C334	1-124-589-11	ELECT	47MF	20% 16V
C125	1-162-294-31	CERAMIC	0.001MF	10% 50V	C335	1-130-483-00	MYLAR	0.01MF	5% 50V
C126	1-162-294-31	CERAMIC	0.001MF	10% 50V	C336	1-124-589-11	ELECT	47MF	20% 16V
C127	1-162-294-31	CERAMIC	0.001MF	10% 50V	C337	1-136-156-00	MYLAR	0.018MF	5% 50V
C130	1-124-477-11	ELECT	47MF	20% 25V	C338	1-130-478-00	MYLAR	0.0039MF	5% 50V
C131	1-124-477-11	ELECT	47MF	20% 25V	C339	1-124-589-11	ELECT	47MF	20% 16V (LDP-3300P)
C132	1-124-477-11	ELECT	47MF	20% 25V	C340	1-126-320-11	ELECT	10MF	20% 16V
C133	1-124-477-11	ELECT	47MF	20% 25V	C341	1-130-483-00	MYLAR	0.01MF	5% 50V
C141	1-124-589-11	ELECT	47MF	20% 16V (LDP-3600D)	C342	1-130-487-00	MYLAR	0.022MF	5% 50V
C142	1-126-157-11	ELECT	10MF	20% 16V	C343	1-126-320-11	ELECT	10MF	20% 16V
C144	1-130-467-00	MYLAR	470PF	5% 50V (LDP-3600D)	C347	1-162-211-31	CERAMIC	33PF	5% 50V
C145	1-124-791-11	ELECT	1MF	20% 50V (LDP-3600D)	C348	1-130-489-00	MYLAR	0.033MF	5% 50V
C146	1-126-157-11	ELECT	10MF	20% 16V	C349	1-130-467-00	MYLAR	470PF	5% 50V
C150	1-124-589-11	ELECT	47MF	20% 16V	C350	1-130-483-00	MYLAR	0.01MF	5% 50V
C151	1-124-589-11	ELECT	47MF	20% 16V	C351	1-124-477-11	ELECT	47MF	20% 25V
C152	1-130-471-00	MYLAR	0.001MF	5% 50V	C352	1-130-483-00	MYLAR	0.01MF	5% 50V
C201	1-124-767-00	ELECT	2.2MF	20% 50V	C353	1-124-477-11	ELECT	47MF	20% 25V
C202	1-130-471-00	MYLAR	0.001MF	5% 50V	C354	1-126-529-11	ELECT	0.47MF	20% 50V
C204	1-130-476-00	MYLAR	0.0027MF	5% 50V	C356	1-162-280-31	CERAMIC	82PF	10% 50V
C206	1-130-489-00	MYLAR	0.033MF	5% 50V	C357	1-124-268-00	ELECT	0.22MF	20% 50V
C207	1-130-478-00	MYLAR	0.0039MF	5% 50V	C359	1-130-495-00	MYLAR	0.1MF	5% 50V
C300	1-162-211-31	CERAMIC	33PF	5% 50V	C360	1-130-495-00	MYLAR	0.1MF	5% 50V
C301	1-161-379-00	CERAMIC	0.01MF	30% 16V	C362	1-130-483-00	MYLAR	0.01MF	5% 50V
C302	1-124-589-11	ELECT	47MF	20% 16V	C363	1-124-589-11	ELECT	47MF	20% 16V
C303	1-162-211-31	CERAMIC	33PF	5% 50V	C364	1-130-483-00	MYLAR	0.01MF	5% 50V
C304	1-161-379-00	CERAMIC	0.01MF	30% 16V	C365	1-124-589-11	ELECT	47MF	20% 16V
C305	1-124-589-11	ELECT	47MF	20% 16V	C366	1-130-487-00	MYLAR	0.022MF	5% 50V
C308	1-130-476-00	MYLAR	0.0027MF	5% 50V	C367	1-124-273-00	ELECT	3.3MF	20% 50V
C309	1-130-485-00	MYLAR	0.015MF	5% 50V	C368	1-124-273-00	ELECT	3.3MF	20% 50V
C310	1-136-169-00	MYLAR	0.22MF	5% 50V	C369	1-124-282-00	ELECT	22MF	20% 16V
C311	1-162-280-31	CERAMIC	82PF	10% 50V	C371	1-162-211-31	CERAMIC	33PF	5% 50V
C312	1-161-329-00	CERAMIC	0.0068MF	20% 16V	C372	1-130-483-00	MYLAR	0.01MF	5% 50V
C313	1-126-101-11	ELECT	100MF	20% 16V	C373	1-161-379-00	CERAMIC	0.01MF	30% 16V
C314	1-124-477-11	ELECT	47MF	20% 16V	C374	1-130-471-00	MYLAR	0.001MF	5% 50V
C315	1-123-875-11	ELECT	10MF	20% 50V	C376	1-130-491-00	MYLAR	0.047MF	5% 50V
C316	1-124-446-11	ELECT	47MF	20% 10V	C377	1-136-169-00	MYLAR	0.22MF	5% 50V

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Ref.No	Part No.	Description		Remark	Ref.No	Part No.	Description		Remark	
C378	1-124-657-00	ELECT	10MF	20%	50V	C913	1-161-494-00	CERAMIC	0.022MF	25V
C381	1-162-282-31	CERAMIC	100PF	10%	50V	C914	1-123-330-00	ELECT	22MF	20% 16V
C382	1-124-767-00	ELECT	2.2MF	20%	50V	C915	1-161-494-00	CERAMIC	0.022MF	25V
C399	1-124-589-11	ELECT	47MF	20%	16V	C916	1-161-494-00	CERAMIC	0.022MF	25V
C401	1-126-163-11	ELECT	4.7MF	20%	50V					
									<u>CONNECTOR</u>	
C402	1-161-327-00	CERAMIC	0.0033MF	30%	16V	CN001	1-506-476-11	PIN, CONNECTOR 11P		
C403	1-162-282-31	CERAMIC	100PF	10%	50V	CN003	1-506-467-11	PIN, CONNECTOR 2P		
C404	1-126-163-11	ELECT	4.7MF	20%	50V	CN004	1-506-467-11	PIN, CONNECTOR 2P		
C405	1-124-584-00	ELECT	100MF	20%	10V	CN005	1-506-471-11	PIN, CONNECTOR 6P		
C406	1-162-282-31	CERAMIC	100PF	10%	50V	CN006	1-506-467-11	PIN, CONNECTOR 2P		
C407	1-124-589-11	ELECT	47MF	20%	16V	CN007	*1-560-896-00	PIN, CONNECTOR 8P		
C410	1-123-382-00	ELECT	3.3MF	20%	25V	CN009	*1-564-028-00	PIN, CONNECTOR 3P		
C411	1-130-495-00	MYLAR	0.1MF	5%	50V	CN010	*1-560-900-00	PIN, CONNECTOR 12P		
C413	1-126-163-11	ELECT	4.7MF	20%	50V	CN011	1-506-474-11	PIN, CONNECTOR 9P		
C414	1-126-163-11	ELECT	4.7MF	20%	50V	CN012	1-506-475-11	PIN, CONNECTOR 10P		
C415	1-126-163-11	ELECT	4.7MF	20%	50V	CN020	1-506-467-11	PIN, CONNECTOR 2P		
C416	1-162-294-31	CERAMIC	0.001MF	10%	50V	CN022	1-506-469-11	PIN, CONNECTOR 4P		
C417	1-162-294-31	CERAMIC	0.001MF	10%	50V	CN024	1-506-468-11	PIN, CONNECTOR 3P		
C418	1-162-294-31	CERAMIC	0.001MF	10%	50V	CN025	1-506-470-11	PIN, CONNECTOR 5P		
C419	1-162-294-31	CERAMIC	0.001MF	10%	50V	CN026	1-506-467-11	PIN, CONNECTOR 2P		
C420	1-162-294-31	CERAMIC	0.001MF	10%	50V	CN027	1-506-467-11	PIN, CONNECTOR 2P		
C421	1-162-294-31	CERAMIC	0.001MF	10%	50V	CN028	1-506-470-11	PIN, CONNECTOR 5P		
C451	1-130-467-00	MYLAR	470PF	5%	50V	CN029	1-506-469-11	PIN, CONNECTOR 4P		
C452	1-130-471-00	MYLAR	0.001MF	5%	50V	CN115	*1-564-037-11	PIN, CONNECTOR 12P		
C453	1-130-477-00	MYLAR	0.0033MF	5%	50V	CN201	1-506-467-11	PIN, CONNECTOR 2P		
C454	1-130-479-00	MYLAR	0.0047MF	5%	50V	CN202	1-506-469-11	PIN, CONNECTOR 4P		
C455	1-124-910-11	ELECT	47MF	20%	50V	CN401	*1-560-899-00	PIN, CONNECTOR 11P		
C456	1-101-006-00	CERAMIC	0.047MF		50V					
C457	1-130-471-00	MYLAR	0.001MF	5%	50V					
C458	1-124-910-11	ELECT	47MF	20%	50V				<u>DIODE</u>	
C459	1-161-061-11	CERAMIC	0.068MF	10%	50V	D001	8-719-911-19	DIODE 1SS119		
C460	1-161-061-11	CERAMIC	0.068MF	10%	50V	D002	8-719-911-19	DIODE 1SS119		
C461	1-101-006-00	CERAMIC	0.047MF		50V	D101	8-719-911-19	DIODE 1SS119		
C462	1-101-006-00	CERAMIC	0.047MF		50V	D102	8-719-911-19	DIODE 1SS119		
C463	1-124-120-11	ELECT	220MF	20%	25V	D103	8-719-911-19	DIODE 1SS119		
C464	1-124-120-11	ELECT	220MF	20%	25V	D105	8-719-911-19	DIODE 1SS119		
C466	1-126-096-11	ELECT	10MF	20%	25V	D106	8-719-911-19	DIODE 1SS119		
C467	1-126-096-11	ELECT	10MF	20%	25V	D107	8-719-911-19	DIODE 1SS119		
C468	1-124-477-11	ELECT	47MF	20%	25V	D108	8-719-911-19	DIODE 1SS119		
C469	1-124-477-11	ELECT	47MF	20%	25V	D109	8-719-911-19	DIODE 1SS119		
C470	1-124-477-11	ELECT	47MF	20%	25V	D110	8-719-911-19	DIODE 1SS119		
C471	1-162-282-31	CERAMIC	100PF	10%	50V	D111	8-719-911-19	DIODE 1SS119		
C901	1-123-330-00	ELECT	22MF	20%	16V	D142	8-719-911-19	DIODE 1SS119 (LDP-3600D)		
C902	1-161-494-00	CERAMIC	0.022MF		25V	D143	8-719-911-19	DIODE 1SS119 (LDP-3600D)		
C904	1-161-494-00	CERAMIC	0.022MF		25V	D300	8-719-911-19	DIODE 1SS119		
C905	1-161-494-00	CERAMIC	0.022MF		25V	D301	8-719-109-96	DIODE RD6.8ESB1		
C906	1-161-494-00	CERAMIC	0.022MF		25V	D302	8-719-911-19	DIODE 1SS119		
C907	1-161-494-00	CERAMIC	0.022MF		25V	D307	8-719-109-59	DIODE RD2.7ESB1		
C908	1-161-494-00	CERAMIC	0.022MF		25V	D310	8-719-911-19	DIODE 1SS119		
C909	1-161-494-00	CERAMIC	0.022MF		25V	D403	8-719-911-19	DIODE 1SS119		
C910	1-161-494-00	CERAMIC	0.022MF		25V	D404	8-719-911-19	DIODE 1SS119		
C911	1-161-494-00	CERAMIC	0.022MF		25V	D431	8-719-911-19	DIODE 1SS119		
C912	1-161-494-00	CERAMIC	0.022MF		25V	D432	8-719-911-19	DIODE 1SS119		

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Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
D433	8-719-911-19	DIODE 1SS119		IC401	8-759-981-95	IC RC4558S	
D451	8-719-911-19	DIODE 1SS119		IC402	8-759-240-53	IC TC4053BP	
D452	8-719-300-92	DIODE EK04		IC403	8-759-305-31	IC STA302A	
D453	8-719-300-92	DIODE EK04		IC404	8-759-305-32	IC STA303A	
D454	8-719-911-19	DIODE 1SS119		IC405	8-759-981-95	IC RC4558S	
D455	8-719-911-19	DIODE 1SS119		IC451	8-759-981-95	IC RC4558S	
		<u>DELAY LINE</u>		IC452	8-759-981-68	IC LM2903S	
DL001	1-415-515-11	DELAY LINE		IC453	8-759-205-83	IC TA7713P	
		<u>FILTER</u>		IC901	8-759-322-36	IC HD63A01YORL70P	
FL001	1-235-943-11	BPF (LDP-3600D)		IC902	8-759-631-98	IC M60014-0120FP	
FL002	1-236-262-11	FILTER, BAND PASS		IC903	8-759-103-27	IC UPD8251AFC	
FL003	1-235-924-11	FILTER, LOW PASS (4.5MHz) (LDP-3600D)		IC904	8-759-913-99	IC MB88201-173N	
FL004	1-236-264-11	FILTER, LOW PASS (5.0MHz)		IC905	8-759-013-15	IC MC145411P	
		<u>CONNECTOR</u>		IC906	8-759-011-83	IC MC145406P	
FN001	1-563-510-11	CONNECTOR, FPC.FFC 24P		IC907	8-759-240-11	IC TC4011BP	
		<u>IC</u>		IC908	8-759-240-11	IC TC4011BP	
IC001	8-752-006-12	IC CX20061 (LDP-3600D)		IC909	8-759-000-99	IC MC74HC74N	
IC002	8-759-600-99	IC M51481P					
IC003	8-752-006-12	IC CX20061 (LDP-3600D)					
IC004	8-752-006-12	IC CX20061 (LDP-3600D)					
IC005	8-752-321-89	IC CXL5003P					
IC006	8-759-912-64	IC PA0009					
IC010	8-752-006-12	IC CX20061					
IC101	8-752-322-98	IC CXD1091S					
IC102	8-759-901-23	IC SN74LS123N					
IC103	8-759-345-38	IC HD14538BP					
IC104	8-759-250-81	IC TC5081AP					
IC105	8-759-240-53	IC TC4053BP					
IC106	8-759-240-11	IC TC4011BP					
IC107	8-759-345-38	IC HD14538BP					
IC108	8-759-345-38	IC HD14538BP					
IC109	8-759-240-24	IC TC4024BP					
IC110	8-759-345-38	IC HD14538BP					
IC111	8-759-203-68	IC TC74HC4040P (LDP-3600D)					
IC112	8-759-205-76	IC TC504013BP (LDP-3600D)					
IC113	8-759-240-11	IC TC4011BP (LDP-3600D)					
IC301	8-759-981-95	IC RC4558S					
IC302	8-759-981-95	IC RC4558S					
IC303	8-759-981-95	IC RC4558S					
IC304	8-759-981-68	IC LM2903S					
IC305	8-749-920-75	IC STA-451C					
IC306	8-759-981-95	IC RC4558S					
IC307	8-759-981-95	IC RC4558S					
IC308	8-749-920-75	IC STA-451C					
IC309	8-759-981-95	IC RC4558S					
IC310	8-759-981-95	IC RC4558S					
IC312	8-759-982-52	IC RC79M05FA					
IC313	8-759-321-40	IC HA11529					
				PS301△1-532-675-00	LINK, IC (ICP-F38 1.5A)		
				PS302△1-532-675-00	LINK, IC (ICP-F38 1.5A)		

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**Note:** The components identified by mark △ or dotted line with mark ▲ are critical for safety. Replace only with part number specified.

<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
PS303A△	1-532-675-00	LINK, IC (ICP-F38 1.5A)		Q410	8-729-281-53	TRANSISTOR 2SC1815-GR	
PS304A△	1-532-675-00	LINK, IC (ICP-F38 1.5A)		Q411	8-729-201-53	TRANSISTOR 2SA1015-GR	
PS401A△	1-532-686-00	LINK, IC (ICP-F75 2.7A)		Q412	8-729-281-53	TRANSISTOR 2SC1815-GR	
PS402A△	1-532-686-00	LINK, IC (ICP-F75 2.7A)		Q413	8-729-281-53	TRANSISTOR 2SC1815-GR	
				Q414	8-729-201-53	TRANSISTOR 2SA1015-GR	
<u>TRANSISTOR</u>							
Q001	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q415	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q002	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q416	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q003	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q417	8-729-201-53	TRANSISTOR 2SA1015-GR	
Q004	8-729-900-36	TRANSISTOR DTC124ES		Q418	8-729-281-53	TRANSISTOR 2SC1815-GR	
Q005	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q420	8-729-900-63	TRANSISTOR DTA124ES	
Q006	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q421	8-729-900-63	TRANSISTOR DTA124ES	
Q007	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q422	8-729-900-36	TRANSISTOR DTC124ES	
Q008	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q423	8-729-900-63	TRANSISTOR DTA124ES	
Q009	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q432	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q010	8-729-900-36	TRANSISTOR DTC124ES		Q451	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q011	8-729-119-78	TRANSISTOR 2SC2785-HFE (LDP-3600D)		Q452	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q012	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q453	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q013	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q458	8-729-804-68	TRANSISTOR 2SB1133-S	
Q051	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q459	8-729-804-17	TRANSISTOR 2SD1666-R	
<u>RESISTOR</u>							
Q053	8-729-119-78	TRANSISTOR 2SC2785-HFE		R001	1-249-413-11	CARBON	470 5% 1/4W
Q054	8-729-119-78	TRANSISTOR 2SC2785-HFE		R002	1-249-421-11	CARBON	2.2K 5% 1/4W
Q055	8-729-119-76	TRANSISTOR 2SA1175-HFE		R003	1-249-429-11	CARBON	10K 5% 1/4W
Q056	8-729-119-78	TRANSISTOR 2SC2785-HFE		R004	1-249-420-11	CARBON	1.8K 5% 1/4W
Q057	8-729-900-36	TRANSISTOR DTC124-TP (LDP-3600D)		R005	1-249-416-11	CARBON	820 5% 1/4W
Q058	8-729-900-36	TRANSISTOR DTC124-TP		R006	1-249-409-11	CARBON	220 5% 1/4W
Q059	8-729-900-36	TRANSISTOR DTC124-TP (LDP-3600D)		R007	1-249-417-11	CARBON	1K 5% 1/4W
Q101	8-729-900-89	TRANSISTOR DTC144-TP		R010	1-249-417-11	CARBON	1K 5% 1/4W (LDP-3600D)
Q102	8-729-900-63	TRANSISTOR DTA124-TP		R011	1-249-417-11	CARBON	1K 5% 1/4W
Q103	8-729-900-80	TRANSISTOR DTC114-TP		R013	1-249-417-11	CARBON	1K 5% 1/4W
Q105	8-729-119-76	TRANSISTOR 2SA1175-HFE		R014	1-249-417-11	CARBON	1K 5% 1/4W
Q106	8-729-119-76	TRANSISTOR 2SA1175-HFE		R015	1-249-417-11	CARBON	1K 5% 1/4W
Q107	8-729-900-36	TRANSISTOR DTC124-TP		R016	1-249-433-11	CARBON	22K 5% 1/4W
Q140	8-729-900-89	TRANSISTOR DTC144-TP (LDP-3600D)		R017	1-249-421-11	CARBON	2.2K 5% 1/4W (LDP-3600D)
Q201	8-729-900-80	TRANSISTOR DTC114-TP		R018	1-249-417-11	CARBON	1K 5% 1/4W
Q303	8-729-900-61	TRANSISTOR DTA114-TP		R019	1-249-420-11	CARBON	1.8K 5% 1/4W
Q304	8-729-218-43	TRANSISTOR 2SK184-GR		R020	1-249-413-11	CARBON	470 5% 1/4W
Q305	8-729-900-61	TRANSISTOR DTA114-TP		R021	1-249-417-11	CARBON	1K 5% 1/4W (LDP-3600D)
Q306	8-729-900-80	TRANSISTOR DTC114-TP		R022	1-249-417-11	CARBON	1K 5% 1/4W (LDP-3600D)
Q307	8-729-218-43	TRANSISTOR 2SK184-GR		R023	1-249-417-11	CARBON	1K 5% 1/4W
Q308	8-729-218-43	TRANSISTOR 2SK184-GR		R024	1-249-417-11	CARBON	1K 5% 1/4W
Q310	8-729-119-78	TRANSISTOR 2SC2785-HFE		R025	1-249-417-11	CARBON	1K 5% 1/4W
Q311	8-729-119-78	TRANSISTOR 2SC2785-HFE		R026	1-249-418-11	CARBON	1.2K 5% 1/4W (LDP-3600D)
Q312	8-729-320-62	TRANSISTOR 2SD789-34		R027	1-249-415-11	CARBON	680 5% 1/4W (LDP-3600D)
Q313	8-729-320-62	TRANSISTOR 2SD789-34		R028	1-249-419-11	CARBON	1.5K 5% 1/4W
Q314	8-729-900-63	TRANSISTOR DTA124ES		R029	1-249-414-11	CARBON	560 5% 1/4W
Q401	8-729-900-36	TRANSISTOR DTC124ES		R030	1-249-413-11	CARBON	470 5% 1/4W
Q402	8-729-900-36	TRANSISTOR DTC124ES		R031	1-249-417-11	CARBON	1K 5% 1/4W
Q403	8-729-900-63	TRANSISTOR DTA124ES		R032	1-249-417-11	CARBON	1K 5% 1/4W
Q404	8-729-900-36	TRANSISTOR DTC124ES		R033	1-249-413-11	CARBON	470 5% 1/4W
Q405	8-729-900-63	TRANSISTOR DTA124ES		R051	1-249-436-11	CARBON	39K 5% 1/4W
				R052	1-249-430-11	CARBON	12K 5% 1/4W

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# SS-91

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
R053	1-249-421-11	CARBON	2.2K 5% 1/4W	R147	1-249-438-11	CARBON	56K 5% 1/4W
R054	1-249-421-11	CARBON	2.2K 5% 1/4W	R150	1-249-437-11	CARBON	47K 5% 1/4W
R055	1-249-414-11	CARBON	560 5% 1/4W	R151	1-249-428-11	CARBON	8.2K 5% 1/4W
R056	1-249-420-11	CARBON	1.8K 5% 1/4W	R152	1-249-429-11	CARBON	10K 5% 1/4W
R057	1-249-425-11	CARBON	4.7K 5% 1/4W	R153	1-249-429-11	CARBON	10K 5% 1/4W
R058	1-249-417-11	CARBON	1K 5% 1/4W	R154	1-249-425-11	CARBON	4.7K 5% 1/4W
R064	1-249-417-11	CARBON	1K 5% 1/4W	R155	1-249-425-11	CARBON	4.7K 5% 1/4W
R065	1-247-903-00	CARBON	1M 5% 1/4W	R156	1-249-425-11	CARBON	4.7K 5% 1/4W
R066	1-249-426-11	CARBON	5.6K 5% 1/4W	R171	1-249-429-11	CARBON	10K 5% 1/4W
R067	1-249-417-11	CARBON	1K 5% 1/4W	R201	1-249-421-11	CARBON	2.2K 5% 1/4W
R068	1-249-417-11	CARBON	1K 5% 1/4W	R202	1-249-421-11	CARBON	2.2K 5% 1/4W
R069	1-249-425-11	CARBON	4.7K 5% 1/4W	R203	1-247-895-00	CARBON	470K 5% 1/4W
R074	1-249-429-11	CARBON	10K 5% 1/4W	R205	1-249-439-11	CARBON	68K 5% 1/4W
R075	1-249-413-11	CARBON	470 5% 1/4W	R206	1-247-897-11	CARBON	560K 5% 1/4W
R076	1-249-417-11	CARBON	1K 5% 1/4W	R207	1-247-887-00	CARBON	220K 5% 1/4W
R080	1-249-409-11	CARBON	220 5% 1/4W	R208	1-249-429-11	CARBON	10K 5% 1/4W
R081	1-249-406-11	CARBON	120 5% 1/4W	R210	1-249-405-11	CARBON	100 5% 1/4W
R082	1-249-441-11	CARBON	100K 5% 1/4W	R211	1-249-433-11	CARBON	22K 5% 1/4W
R083	1-249-426-11	CARBON	5.6K 5% 1/4W	R300	1-249-425-11	CARBON	4.7K 5% 1/4W
R084	1-249-430-11	CARBON	12K 5% 1/4W	R301	1-249-437-11	CARBON	47K 5% 1/4W
R085	1-249-429-11	CARBON	10K 5% 1/4W	R302	1-249-425-11	CARBON	4.7K 5% 1/4W
R086	1-249-426-11	CARBON	5.6K 5% 1/4W	R303	1-249-436-11	CARBON	39K 5% 1/4W
R087	1-249-421-11	CARBON	2.2K 5% 1/4W	R304	1-249-431-11	CARBON	15K 5% 1/4W
R101	1-249-435-11	CARBON	33K 5% 1/4W	R305	1-249-431-11	CARBON	15K 5% 1/4W
R105	1-249-425-11	CARBON	4.7K 5% 1/4W	R306	1-249-431-11	CARBON	15K 5% 1/4W
R106	1-249-425-11	CARBON	4.7K 5% 1/4W	R307	1-249-434-11	CARBON	27K 5% 1/4W
R107	1-247-891-00	CARBON	330K 5% 1/4W	R308	1-249-419-11	CARBON	1.5K 5% 1/4W
R108	1-249-417-11	CARBON	1K 5% 1/4W	R309	1-249-434-11	CARBON	27K 5% 1/4W
R109	1-249-425-11	CARBON	4.7K 5% 1/4W	R310	1-249-405-11	CARBON	100 5% 1/4W
R110	1-249-440-11	CARBON	82K 5% 1/4W	R311	1-249-389-11	CARBON	4.7 5% 1/4W
R111	1-249-417-11	CARBON	1K 5% 1/4W	R312	1-249-436-11	CARBON	39K 5% 1/4W
R112	1-249-441-11	CARBON	100K 5% 1/4W	R313	1-249-424-11	CARBON	3.9K 5% 1/4W
R113	1-249-429-11	CARBON	10K 5% 1/4W	R314	1-249-436-11	CARBON	39K 5% 1/4W
R114	1-247-881-00	CARBON	120K 5% 1/4W	R315	1-249-441-11	CARBON	100K 5% 1/4W
R115	1-249-417-11	CARBON	1K 5% 1/4W	R316	1-249-441-11	CARBON	100K 5% 1/4W
R116	1-249-429-11	CARBON	10K 5% 1/4W	R317	1-249-434-11	CARBON	27K 5% 1/4W
R117	1-215-462-00	METAL	51K 1% 1/6W	R318	1-249-427-11	CARBON	6.8K 5% 1/4W
R119	1-247-881-00	CARBON	120K 5% 1/4W	R319	1-249-441-11	CARBON	100K 5% 1/4W
R121	1-249-429-11	CARBON	10K 5% 1/4W	R320	1-249-427-11	CARBON	6.8K 5% 1/4W
R122	1-249-430-11	CARBON	12K 5% 1/4W	R321	1-249-435-11	CARBON	33K 5% 1/4W
R128	1-249-429-11	CARBON	10K 5% 1/4W	R322	1-249-401-11	CARBON	47 5% 1/4W
R129	1-249-433-11	CARBON	22K 5% 1/4W	R323	1-249-425-11	CARBON	4.7K 5% 1/4W
R130	1-249-433-11	CARBON	22K 5% 1/4W	R324	1-249-418-11	CARBON	1.2K 5% 1/4W
R131	1-249-407-11	CARBON	150 5% 1/4W	R325	1-249-420-11	CARBON	1.8K 5% 1/4W
R132	1-249-407-11	CARBON	150 5% 1/4W	R326	1-249-427-11	CARBON	6.8K 5% 1/4W
R134	1-249-429-11	CARBON	10K 5% 1/4W	R327	1-249-420-11	CARBON	1.8K 5% 1/4W
R137	1-249-421-11	CARBON	2.2K 5% 1/4W	R328	1-249-420-11	CARBON	1.8K 5% 1/4W
R138	1-249-417-11	CARBON	1K 5% 1/4W	R329	1-249-425-11	CARBON	4.7K 5% 1/4W
R141	1-249-417-11	CARBON	1K 5% 1/4W (LDP-3600D)	R330	1-249-415-11	CARBON	680 5% 1/4W
R142	1-249-429-11	CARBON	10K 5% 1/4W (LDP-3600D)	R331	1-249-389-11	CARBON	4.7 5% 1/4W
R143	1-249-428-11	CARBON	8.2K 5% 1/4W (LDP-3600D)	R332	1-244-832-11	CARBON	20 5% 1/2W
R144	1-249-441-11	CARBON	100K 5% 1/4W (LDP-3600D)	R333	1-249-429-11	CARBON	10K 5% 1/4W
R145	1-249-425-11	CARBON	4.7K 5% 1/4W	R334	1-249-429-11	CARBON	10K 5% 1/4W

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Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
R335	1-249-407-11	CARBON	150 5% 1/4W	R392	1-249-411-11	CARBON	330 5% 1/4W
R336	▲1-216-374-00	METAL OXIDE	2.7 5% 2W F	R393	1-249-438-11	CARBON	56K 5% 1/4W
R337	1-247-903-00	CARBON	1M 5% 1/4W	R394	1-249-401-11	CARBON	47 5% 1/4W
R338	1-249-428-11	CARBON	8.2K 5% 1/4W	R395	1-249-429-11	CARBON	10K 5% 1/4W
R339	1-249-432-11	CARBON	18K 5% 1/4W	R396	1-249-429-11	CARBON	10K 5% 1/4W
R340	1-249-424-11	CARBON	3.9K 5% 1/4W	R397	▲1-216-374-00	METAL OXIDE	2.7 5% 2W F
R341	1-249-425-11	CARBON	4.7K 5% 1/4W	R398	1-249-433-11	CARBON	22K 5% 1/4W
R342	1-249-429-11	CARBON	10K 5% 1/4W	R399	1-249-405-11	CARBON	100 5% 1/4W
R343	1-249-429-11	CARBON	10K 5% 1/4W	R401	1-249-435-11	CARBON	33K 5% 1/4W
R344	1-215-457-00	METAL	33K 1% 1/6W	R402	1-249-435-11	CARBON	33K 5% 1/4W
R345	1-215-451-00	METAL	18K 1% 1/6W	R403	1-249-441-11	CARBON	100K 5% 1/4W
R346	1-249-429-11	CARBON	10K 5% 1/4W	R404	1-249-431-11	CARBON	15K 5% 1/4W
R347	1-247-901-11	CARBON	820K 5% 1/4W	R405	1-247-887-00	CARBON	220K 5% 1/4W
R348	1-215-457-00	METAL	33K 1% 1/6W	R406	1-249-438-11	CARBON	56K 5% 1/4W
R349	1-215-452-00	METAL	20K 1% 1/6W	R407	1-249-433-11	CARBON	22K 5% 1/4W
R350	1-247-901-11	CARBON	820K 5% 1/4W	R408	1-247-893-11	CARBON	390K 5% 1/4W
R351	1-249-437-11	CARBON	47K 5% 1/4W	R409	1-249-431-11	CARBON	15K 5% 1/4W
R352	1-247-887-00	CARBON	220K 5% 1/4W	R410	1-249-431-11	CARBON	15K 5% 1/4W
R353	1-249-425-11	CARBON	4.7K 5% 1/4W	R411	1-249-413-11	CARBON	470 5% 1/4W
R355	1-249-433-11	CARBON	22K 5% 1/4W	R412	1-247-887-00	CARBON	220K 5% 1/4W
R357	1-249-429-11	CARBON	10K 5% 1/4W	R413	1-249-433-11	CARBON	22K 5% 1/4W
R358	1-249-425-11	CARBON	4.7K 5% 1/4W	R414	1-247-887-00	CARBON	220K 5% 1/4W
R359	1-249-425-11	CARBON	4.7K 5% 1/4W	R415	1-247-881-00	CARBON	120K 5% 1/4W
R360	1-249-428-11	CARBON	8.2K 5% 1/4W	R416	1-247-887-00	CARBON	220K 5% 1/4W
R361	1-249-421-11	CARBON	2.2K 5% 1/4W	R417	1-247-887-00	CARBON	220K 5% 1/4W
R362	1-249-425-11	CARBON	4.7K 5% 1/4W	R418	1-247-893-11	CARBON	390K 5% 1/4W
R363	1-249-425-11	CARBON	4.7K 5% 1/4W	R419	1-249-437-11	CARBON	47K 5% 1/4W
R364	1-249-429-11	CARBON	10K 5% 1/4W	R420	1-247-887-00	CARBON	220K 5% 1/4W
R365	1-249-428-11	CARBON	8.2K 5% 1/4W	R423	1-249-430-11	CARBON	12K 5% 1/4W
R366	1-249-421-11	CARBON	2.2K 5% 1/4W	R424	1-249-430-11	CARBON	12K 5% 1/4W
R367	1-249-431-11	CARBON	15K 5% 1/4W	R431	1-249-421-11	CARBON	2.2K 5% 1/4W
R368	1-249-431-11	CARBON	15K 5% 1/4W	R432	1-249-421-11	CARBON	2.2K 5% 1/4W
R369	1-249-431-11	CARBON	15K 5% 1/4W	R433	1-249-418-11	CARBON	1.2K 5% 1/4W
R370	1-249-431-11	CARBON	15K 5% 1/4W	R434	1-249-421-11	CARBON	2.2K 5% 1/4W
R371	1-249-441-11	CARBON	100K 5% 1/4W	R435	1-249-421-11	CARBON	2.2K 5% 1/4W
R372	1-249-441-11	CARBON	100K 5% 1/4W	R436	1-249-418-11	CARBON	1.2K 5% 1/4W
R373	1-247-889-00	CARBON	270K 5% 1/4W	R437	1-249-421-11	CARBON	2.2K 5% 1/4W
R374	1-247-897-11	CARBON	560K 5% 1/4W	R438	1-249-421-11	CARBON	2.2K 5% 1/4W
R375	1-249-434-11	CARBON	27K 5% 1/4W	R439	1-249-418-11	CARBON	1.2K 5% 1/4W
R376	1-249-434-11	CARBON	27K 5% 1/4W	R440	1-249-421-11	CARBON	2.2K 5% 1/4W
R377	1-249-439-11	CARBON	68K 5% 1/4W	R441	1-249-421-11	CARBON	2.2K 5% 1/4W
R378	1-249-429-11	CARBON	10K 5% 1/4W	R442	1-249-418-11	CARBON	1.2K 5% 1/4W
R379	1-249-405-11	CARBON	100 5% 1/4W	R443	1-249-421-11	CARBON	2.2K 5% 1/4W
R380	1-249-436-11	CARBON	39K 5% 1/4W	R444	1-249-421-11	CARBON	2.2K 5% 1/4W
R381	1-249-440-11	CARBON	82K 5% 1/4W	R445	1-249-418-11	CARBON	1.2K 5% 1/4W
R382	1-249-439-11	CARBON	68K 5% 1/4W	R446	1-249-421-11	CARBON	2.2K 5% 1/4W
R383	1-249-417-11	CARBON	1K 5% 1/4W	R447	1-249-421-11	CARBON	2.2K 5% 1/4W
R384	1-249-429-11	CARBON	10K 5% 1/4W	R448	1-249-418-11	CARBON	1.2K 5% 1/4W
R386	1-249-417-11	CARBON	1K 5% 1/4W	R451	1-249-430-11	CARBON	12K 5% 1/4W
R387	1-249-432-11	CARBON	18K 5% 1/4W	R452	1-249-439-11	CARBON	68K 5% 1/4W
R388	1-249-417-11	CARBON	1K 5% 1/4W	R453	1-249-429-11	CARBON	10K 5% 1/4W
R389	1-249-421-11	CARBON	2.2K 5% 1/4W	R454	1-249-441-11	CARBON	100K 5% 1/4W
R390	1-249-437-11	CARBON	47K 5% 1/4W	R455	1-249-441-11	CARBON	100K 5% 1/4W

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Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark				
R456	1-249-433-11	CARBON	22K 5% 1/4W	R532	1-249-438-11	CARBON	56K 5% 1/4W				
R457	△1-207-620-00	METAL OXIDE	1 5% 3W F	R533	1-249-425-11	CARBON	4.7K 5% 1/4W				
R458	1-249-405-11	CARBON	100 5% 1/4W	R534	1-249-410-11	CARBON	270 5% 1/4W				
R459	1-249-405-11	CARBON	100 5% 1/4W	R535	1-249-435-11	CARBON	33K 5% 1/4W				
R462	1-215-461-00	METAL	47K 1% 1/6W	R536	1-249-417-11	CARBON	1K 5% 1/4W				
R463	1-215-447-00	METAL	12K 1% 1/6W	R537	1-249-413-11	CARBON	470 5% 1/4W				
R464	1-215-461-00	METAL	47K 1% 1/6W	R539	1-249-417-11	CARBON	1K 5% 1/4W				
R465	1-215-447-00	METAL	12K 1% 1/6W	R540	1-249-415-11	CARBON	680 5% 1/4W				
R466	1-249-430-11	CARBON	12K 5% 1/4W	R550	1-249-434-11	CARBON	27K 5% 1/4W				
R467	1-249-429-11	CARBON	10K 5% 1/4W	R551	1-249-433-11	CARBON	22K 5% 1/4W				
R468	1-249-433-11	CARBON	22K 5% 1/4W	R552	1-249-433-11	CARBON	22K 5% 1/4W				
R469	1-249-433-11	CARBON	22K 5% 1/4W	R591	1-249-433-11	CARBON	22K 5% 1/4W				
R470	1-249-423-11	CARBON	3.3K 5% 1/4W	R601	1-249-429-11	CARBON	10K 5% 1/4W				
R471	1-249-417-11	CARBON	1K 5% 1/4W	R602	1-249-429-11	CARBON	10K 5% 1/4W				
R472	1-249-423-11	CARBON	3.3K 5% 1/4W	R901	1-249-417-11	CARBON	1K 5% 1/4W				
R473	1-249-417-11	CARBON	1K 5% 1/4W	R902	1-249-425-11	CARBON	4.7K 5% 1/4W				
R474	1-249-429-11	CARBON	10K 5% 1/4W	R903	1-247-903-00	CARBON	1M 5% 1/4W				
R481	1-249-433-11	CARBON	22K 5% 1/4W	R904	1-249-409-11	CARBON	220 5% 1/4W				
R482	1-249-429-11	CARBON	10K 5% 1/4W	R905	1-249-409-11	CARBON	220 5% 1/4W				
R484	1-249-417-11	CARBON	1K 5% 1/4W	R906	1-249-417-11	CARBON	1K 5% 1/4W				
R485	1-249-417-11	CARBON	1K 5% 1/4W	R907	1-249-417-11	CARBON	1K 5% 1/4W				
R486	1-249-417-11	CARBON	1K 5% 1/4W	R908	1-249-426-11	CARBON	5.6K 5% 1/4W				
R496	1-249-417-11	CARBON	1K 5% 1/4W	R909	1-249-426-11	CARBON	5.6K 5% 1/4W				
R497	1-249-417-11	CARBON	1K 5% 1/4W	R910	1-249-433-11	CARBON	22K 5% 1/4W				
R498	1-249-417-11	CARBON	1K 5% 1/4W	R911	1-249-429-11	CARBON	10K 5% 1/4W				
R499	1-249-432-11	CARBON	18K 5% 1/4W	R914	1-249-417-11	CARBON	1K 5% 1/4W				
R501	1-249-441-11	CARBON	100K 5% 1/4W	R915	1-249-417-11	CARBON	1K 5% 1/4W				
R502	1-249-441-11	CARBON	100K 5% 1/4W	R921	1-249-417-11	CARBON	1K 5% 1/4W				
R503	1-249-429-11	CARBON	10K 5% 1/4W	R923	1-249-429-11	CARBON	10K 5% 1/4W				
R504	1-249-429-11	CARBON	10K 5% 1/4W	R950	1-249-421-11	CARBON	2.2K 5% 1/4W				
R505	1-249-429-11	CARBON	10K 5% 1/4W	R951	1-249-421-11	CARBON	2.2K 5% 1/4W				
R506	1-249-439-11	CARBON	68K 5% 1/4W	R952	1-249-421-11	CARBON	2.2K 5% 1/4W				
R507	1-249-429-11	CARBON	10K 5% 1/4W	R953	1-249-421-11	CARBON	2.2K 5% 1/4W				
R508	1-247-885-00	CARBON	180K 5% 1/4W	R954	1-249-421-11	CARBON	2.2K 5% 1/4W				
R509	1-249-440-11	CARBON	82K 5% 1/4W	<u>VARIABLE RESISTOR</u>							
R510	1-249-429-11	CARBON	10K 5% 1/4W	RV002	1-228-993-00	RES, ADJ, CARBON 4.7K (LDP-3600D)					
R511	1-249-401-11	CARBON	47 5% 1/4W	RV003	1-228-989-00	RES, ADJ, CARBON 470 (LDP-3600D)					
R512	1-249-429-11	CARBON	10K 5% 1/4W	RV004	1-228-991-00	RES, ADJ, CARBON 2.2K					
R513	1-249-417-11	CARBON	1K 5% 1/4W	RV005	1-228-994-00	RES, ADJ, CARBON 10K					
R514	1-249-441-11	CARBON	100K 5% 1/4W	RV006	1-228-989-00	RES, ADJ, CARBON 470					
R515	1-249-429-11	CARBON	10K 5% 1/4W	RV101	1-228-996-00	RES, ADJ, CARBON 47K					
R516	1-249-417-11	CARBON	1K 5% 1/4W	RV201	1-228-993-00	RES, ADJ, CARBON 4.7K					
R517	1-249-418-11	CARBON	1.2K 5% 1/4W	RV300	1-228-995-00	RES, ADJ, CARBON 22K					
R518	1-247-889-00	CARBON	270K 5% 1/4W	RV301	1-228-990-00	RES, ADJ, CARBON 1K					
R519	1-249-418-11	CARBON	1.2K 5% 1/4W	RV302	1-228-996-00	RES, ADJ, CARBON 47K					
R520	1-249-405-11	CARBON	100 5% 1/4W	RV303	1-228-995-00	RES, ADJ, CARBON 22K					
R521	1-249-393-11	CARBON	10 5% 1/4W	RV304	1-228-994-00	RES, ADJ, CARBON 10K					
R522	1-249-418-11	CARBON	1.2K 5% 1/4W	RV306	1-228-993-00	RES, ADJ, CARBON 4.7K					
R523	1-247-883-00	CARBON	150K 5% 1/4W								
R524	1-249-401-11	CARBON	47 5% 1/4W								
R528	1-249-433-11	CARBON	22K 5% 1/4W	X901	1-567-152-00	OSCILLATOR, CERAMIC (4MHz)					
R530	1-249-429-11	CARBON	10K 5% 1/4W	X902	1-567-889-11	VIBRATOR, CRYSTAL (1.843MHz)					

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*A-6421-315-A	AV-06 (D) BOARD, COMPLETE ***** (LDP-3600D: AEP/UK)			C135	1-124-791-11	ELECT	1MF 20% 50V
				C136	1-124-477-11	ELECT	47MF 20% 16V
				C137	1-130-479-00	MYLAR	0.0047MF 5% 50V
				C138	1-131-367-00	TANTALUM	22MF 10% 16V
*A-6421-320-A	AV-06 (P) BOARD, COMPLETE (LDP-3300P) *****			C139	1-124-477-11	ELECT	47MF 20% 16V
*A-6421-435-A	AV-06 (U) BOARD, COMPLETE (Ref.No 2,000 ***** Series) (LDP-3600D: US)			C140	1-124-477-11	ELECT	47MF 20% 16V
				C141	1-124-477-11	ELECT	47MF 20% 16V
				C142	1-124-477-11	ELECT	47MF 20% 16V
				C143	1-124-477-11	ELECT	47MF 20% 16V
				C144	1-124-477-11	ELECT	47MF 20% 16V
		<u>BAND PASS FILTER</u>					
BPF201	1-235-805-11	FILTER, BAND PASS (684KHz)		C145	1-130-487-00	MYLAR	0.022MF 5% 50V
BPF202	1-235-806-11	FILTER, BAND PASS (1.066MHz)		C146	1-130-477-00	MYLAR	0.0033MF 5% 50V
BPF301	1-235-925-11	FILTER, BAND PASS (2.3MHZ) (LDP-3600D)		C147	1-130-469-00	MYLAR	680PF 5% 50V (LDP-3600D)
BPF302	1-235-926-11	FILTER, BAND PASS (2.8MHZ) (LDP-3600D)		C148	1-124-477-11	ELECT	47MF 20% 16V
				C149	1-124-477-11	ELECT	47MF 20% 16V
		<u>CAPACITOR</u>		C150	1-130-483-00	MYLAR	0.01MF 5% 50V
C001	1-161-494-00	CERAMIC	0.022MF	C151	1-161-329-00	CERAMIC	0.0068MF 20% 16V
C002	1-161-494-00	CERAMIC	0.022MF	C152	1-161-329-00	CERAMIC	0.0068MF 20% 16V
C003	1-161-494-00	CERAMIC	0.022MF	C153	1-162-211-31	CERAMIC	33PF 5% 50V
C101	1-130-495-00	MYLAR	0.1MF 5% 50V	C154	1-162-211-31	CERAMIC	33PF 5% 50V
C102	1-102-965-00	CERAMIC	39PF 5% 50V	C155	1-161-329-00	CERAMIC	0.0068MF 20% 16V
C103	1-162-211-31	CERAMIC	33PF 5% 50V	C160	1-102-074-00	CERAMIC	0.001MF 10% 50V (LDP-3600D)
C105	1-124-477-11	ELECT	47MF 20% 16V	C161	1-102-074-00	CERAMIC	0.001MF 10% 50V (LDP-3600D)
C106	1-124-477-11	ELECT	47MF 20% 16V	C190	1-161-494-00	CERAMIC	0.022MF 25V
C107	1-124-477-11	ELECT	47MF 20% 16V	C191	1-161-494-00	CERAMIC	0.022MF 25V
C108	1-124-477-11	ELECT	47MF 20% 16V	C192	1-161-494-00	CERAMIC	0.022MF 25V
C109	1-124-477-11	ELECT	47MF 20% 16V	C193	1-161-494-00	CERAMIC	0.022MF 25V
C110	1-124-477-11	ELECT	47MF 20% 16V	C194	1-161-494-00	CERAMIC	0.022MF 25V
C111	1-102-951-00	CERAMIC	15PF 5% 50V	C195	1-161-494-00	CERAMIC	0.022MF 25V
C112	1-162-207-31	CERAMIC	22PF 5% 50V	C196	1-161-494-00	CERAMIC	0.022MF 25V
C113	1-124-477-11	ELECT	47MF 20% 16V	C197	1-161-494-00	CERAMIC	0.022MF 25V
C114	1-130-479-00	MYLAR	0.0047MF 5% 50V	C198	1-161-494-00	CERAMIC	0.022MF 25V
C115	1-130-481-00	MYLAR	0.0068MF 5% 50V	C201	1-162-284-31	CERAMIC	150PF 10% 50V
C116	1-130-481-00	MYLAR	0.0068MF 5% 50V	C202	1-162-288-31	CERAMIC	330PF 10% 50V
C117	1-162-215-31	CERAMIC	47PF 5% 50V	C203	1-162-284-31	CERAMIC	150PF 10% 50V
C118	1-102-978-00	CERAMIC	220PF 5% 50V	C204	1-161-329-00	CERAMIC	0.0068MF 20% 16V
C119	1-162-215-31	CERAMIC	47PF 5% 50V	C205	1-124-477-11	ELECT	47MF 20% 16V
C120	1-162-215-31	CERAMIC	47PF 5% 50V	C206	1-124-477-11	ELECT	47MF 20% 16V
C121	1-124-477-11	ELECT	47MF 20% 16V	C207	1-161-379-00	CERAMIC	0.01MF 30% 16V
C122	1-130-483-00	MYLAR	0.01MF 5% 50V	C208	1-161-329-00	CERAMIC	0.0068MF 20% 16V
C123	1-130-483-00	MYLAR	0.01MF 5% 50V	C209	1-124-477-11	ELECT	47MF 20% 16V
C124	1-130-477-00	MYLAR	0.0033MF 5% 50V	C210	1-161-329-00	CERAMIC	0.0068MF 20% 16V (LDP-3600D)
C125	1-130-483-00	MYLAR	0.01MF 5% 50V	C213	1-161-494-00	CERAMIC	0.022MF 25V
C126	1-102-973-00	CERAMIC	100PF 5% 50V	C214	1-161-494-00	CERAMIC	0.022MF 25V
C127	1-101-004-00	CERAMIC	0.01MF 5% 50V	C215	1-161-494-00	CERAMIC	0.022MF 25V
C128	1-130-481-00	MYLAR	0.0068MF 5% 50V	C216	1-161-494-00	CERAMIC	0.022MF 25V
C129	1-102-973-00	CERAMIC	100PF 5% 50V	C217	1-162-211-31	CERAMIC	33PF 5% 50V
C130	1-102-978-00	CERAMIC	220PF 5% 50V	C218	1-162-288-31	CERAMIC	330PF 10% 50V
C131	1-102-978-00	CERAMIC	220PF 5% 50V	C219	1-161-379-00	CERAMIC	0.01MF 30% 16V
C132	1-130-479-00	MYLAR	0.0047MF 5% 50V	C220	1-162-293-31	CERAMIC	820PF 10% 50V
C133	1-130-479-00	MYLAR	0.0047MF 5% 50V	C221	1-126-176-11	ELECT	220MF 20% 10V
C134	1-130-495-00	MYLAR	0.1MF 5% 50V	C222	1-130-473-00	MYLAR	0.0015MF 5% 50V
				C223	1-162-287-31	CERAMIC	270PF 10% 50V

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C225	1-130-478-00	MYLAR	0.0039MF	5%	50V	C601	1-162-199-31	CERAMIC	10PF	5%	50V
C226	1-130-478-00	MYLAR	0.0039MF	5%	50V	C602	1-162-199-31	CERAMIC	10PF	5%	50V
C227	1-126-233-11	ELECT	22MF	20%	25V	C604	1-102-127-00	CERAMIC	0.0068MF	10%	50V
C228	1-102-978-00	CERAMIC	220PF	5%	50V	C605	1-102-127-00	CERAMIC	0.0068MF	10%	50V
C229	1-161-377-00	CERAMIC	0.0047MF	30%	16V	C606	1-102-127-00	CERAMIC	0.0068MF	10%	50V
C230	1-124-927-11	ELECT	4.7MF	20%	50V	C607	1-124-477-11	ELECT	47MF	20%	16V
C231	1-161-494-00	CERAMIC	0.022MF		25V	C608	1-130-472-00	MYLAR	0.0012MF	5%	50V
C232	1-161-494-00	CERAMIC	0.022MF		25V	C609	1-126-529-11	ELECT	0.47MF	20%	50V
C233	1-162-207-31	CERAMIC	22PF	5%	50V	C610	1-126-529-11	ELECT	0.47MF	20%	50V
C234	1-126-176-11	ELECT	220MF	20%	10V	C611	1-124-477-11	ELECT	47MF	20%	16V
C235	1-161-379-00	CERAMIC	0.01MF	30%	16V	C612	1-124-477-11	ELECT	47MF	20%	16V
C236	1-162-282-31	CERAMIC	100PF	10%	50V	C614	1-126-529-11	ELECT	0.47MF	20%	50V
C237	1-162-290-31	CERAMIC	470PF	10%	50V	C615	1-126-529-11	ELECT	0.47MF	20%	50V
C238	1-126-176-11	ELECT	220MF	20%	10V	C616	1-161-494-00	CERAMIC	0.022MF		25V
C240	1-130-478-00	MYLAR	0.0039MF	5%	50V	C701	1-130-487-00	MYLAR	0.022MF	5%	50V
C241	1-130-478-00	MYLAR	0.0039MF	5%	50V	C702	1-126-157-11	ELECT	10MF	20%	16V
C242	1-126-233-11	ELECT	22MF	20%	25V	C703	1-102-951-00	CERAMIC	15PF	5%	50V
C243	1-102-978-00	CERAMIC	220PF	5%	50V	C704	1-162-219-31	CERAMIC	68PF	5%	50V
C244	1-161-377-00	CERAMIC	0.0047MF	30%	16V	C705	1-102-961-00	CERAMIC	27PF	5%	50V
C245	1-130-473-00	MYLAR	0.0015MF	5%	50V	C706	1-162-219-31	CERAMIC	68PF	5%	50V
C246	1-162-287-31	CERAMIC	270PF	10%	50V	C707	1-130-495-00	MYLAR	0.1MF	5%	50V
C247	1-126-176-11	ELECT	220MF	20%	10V	C708	1-130-483-00	MYLAR	0.01MF	5%	50V
C248	1-130-489-00	MYLAR	0.033MF	5%	50V	C709	1-124-463-00	ELECT	0.1MF	20%	50V
C249	1-126-233-11	ELECT	22MF	20%	25V	C710	1-124-477-11	ELECT	47MF	20%	16V
C250	1-126-233-11	ELECT	22MF	20%	25V	C711	1-130-475-00	MYLAR	0.0022MF	5%	50V
C251	1-130-489-00	MYLAR	0.033MF	5%	50V	C712	1-130-475-00	MYLAR	0.0022MF	5%	50V
C252	1-130-493-00	MYLAR	0.068MF	5%	50V	C713	1-162-193-31	CERAMIC	3.3PF	10%	50V
C253	1-126-176-11	ELECT	220MF	20%	10V	C714	1-102-816-00	CERAMIC	120PF	5%	50V
C254	1-124-927-11	ELECT	4.7MF	20%	50V	C715	1-102-961-00	CERAMIC	27PF	5%	50V
C255	1-130-493-00	MYLAR	0.068MF	5%	50V	C716	1-126-157-11	ELECT	10MF	20%	16V
C256	1-124-902-00	ELECT	0.47MF	20%	50V	C717	1-130-483-00	MYLAR	0.01MF	5%	50V
C257	1-130-495-00	MYLAR	0.1MF	5%	50V	C718	1-102-949-00	CERAMIC	12PF	5%	50V
C258	1-126-233-11	ELECT	22MF	20%	25V	C719	1-102-961-00	CERAMIC	27PF	5%	50V
C259	1-126-176-11	ELECT	220MF	20%	10V	C720	1-162-207-31	CERAMIC	22PF	5%	50V
C260	1-126-529-11	ELECT	0.47MF	20%	50V	C721	1-102-973-00	CERAMIC	100PF	5%	50V
C261	1-124-766-00	ELECT	0.1MF	20%	50V	C722	1-162-211-31	CERAMIC	33PF	5%	50V
C262	1-124-766-00	ELECT	0.1MF	20%	50V	C723	1-124-477-11	ELECT	47MF	20%	16V
C263	1-124-927-11	ELECT	4.7MF	20%	50V	C724	1-124-477-11	ELECT	47MF	20%	16V
C264	1-126-529-11	ELECT	0.47MF	20%	50V	C725	1-102-951-00	CERAMIC	15PF	5%	50V
C265	1-124-766-00	ELECT	0.1MF	20%	50V	C726	1-102-973-00	CERAMIC	100PF	5%	50V
C266	1-124-766-00	ELECT	0.1MF	20%	50V	C727	1-102-971-00	CERAMIC	82PF	5%	50V
C267	1-124-927-11	ELECT	4.7MF	20%	50V	C728	1-124-477-11	ELECT	47MF	20%	16V
C268	1-124-268-00	ELECT	0.22MF	20%	50V	C729	1-124-477-11	ELECT	47MF	20%	16V
C269	1-124-902-00	ELECT	0.47MF	20%	50V	C730	1-102-965-00	CERAMIC	39PF	5%	50V
C270	1-124-478-11	ELECT	100MF	20%	25V	C731	1-102-978-00	CERAMIC	220PF	5%	50V
C301	1-102-979-00	CERAMIC	240PF	5%	50V (LDP-3600D)	C732	1-130-475-00	MYLAR	0.0022MF	5%	50V
C302	1-102-979-00	CERAMIC	240PF	5%	50V (LDP-3600D)	C733	1-102-824-00	CERAMIC	470PF	5%	50V
C303	1-162-205-31	CERAMIC	18PF	5%	50V (LDP-3600D)	C734	1-124-477-11	ELECT	47MF	20%	16V (LDP-3600D)
C304	1-162-198-31	CERAMIC	8.2PF	10%	50V (LDP-3600D)	C735	1-124-477-11	ELECT	47MF	20%	16V (LDP-3600D)
C305	1-162-207-31	CERAMIC	22PF	5%	50V (LDP-3600D)	C736	1-124-477-11	ELECT	47MF	20%	16V
C306	1-162-217-31	CERAMIC	56PF	5%	50V (LDP-3600D)	C737	1-124-477-11	ELECT	47MF	20%	16V
C307	1-162-207-31	CERAMIC	22PF	5%	50V (LDP-3600D)	C738	1-124-477-11	ELECT	47MF	20%	16V
C308	1-161-329-00	CERAMIC	0.0068MF	20%	16V (LDP-3600D)	C739	1-124-477-11	ELECT	47MF	20%	16V

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<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>	<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>
C740	1-124-477-11	ELECT	47MF	20%	16V	C906	1-102-965-00	CERAMIC	39PF	5%	50V
C741	1-162-199-31	CERAMIC	10PF	5%	50V	C907	1-102-127-00	CERAMIC	0.0068MF	10%	50V
C742	1-124-791-11	ELECT	1MF	20%	50V	C908	1-130-475-00	MYLAR	0.0022MF	5%	50V
C743	1-102-971-00	CERAMIC	82PF	5%	50V	C909	1-130-467-00	MYLAR	470PF	5%	50V
C744	1-102-127-00	CERAMIC	0.0068MF	10%	50V	C910	1-107-075-00	MICA	39PF	5%	50V
C745	1-102-127-00	CERAMIC	0.0068MF	10%	50V	C911	1-107-165-00	MICA	56PF	5%	50V
C746	1-124-477-11	ELECT	47MF	20%	16V	C912	1-130-487-00	MYLAR	0.022MF	5%	50V
C747	1-131-367-00	TANTALUM	22MF	10%	16V	C913	1-162-207-31	CERAMIC	22PF	5%	50V
C748	1-124-477-11	ELECT	47MF	20%	16V	C914	1-124-477-11	ELECT	47MF	20%	16V
C749	1-102-074-00	CERAMIC	0.001MF	10%	50V	C916	1-126-101-11	ELECT	100MF	20%	16V
C751	1-124-477-11	ELECT	47MF	20%	16V (LDP-3600D)	C917	1-124-927-11	ELECT	4.7MF	20%	50V
C752	1-101-006-00	CERAMIC	0.047MF	50V (LDP-3600D)		C918	1-124-477-11	ELECT	47MF	20%	16V
C753	1-101-884-00	CERAMIC	56PF	5%	50V (LDP-3600D)	C923	1-124-477-11	ELECT	47MF	20%	16V
C754	1-102-973-00	CERAMIC	100PF	5%	50V (LDP-3600D)	C924	1-124-477-11	ELECT	47MF	20%	16V
C755	1-102-123-00	CERAMIC	0.0033MF	10%	50V (LDP-3600D)	C925	1-124-477-11	ELECT	47MF	20%	16V
C756	1-126-101-11	ELECT	100MF	20%	16V (LDP-3600D)	C926	1-124-477-11	ELECT	47MF	20%	16V
C757	1-101-006-00	CERAMIC	0.047MF	50V (LDP-3600D)		C927	1-102-127-00	CERAMIC	0.0068MF	10%	50V
C758	1-102-074-00	CERAMIC	0.001MF	10%	50V (LDP-3600D)	C929	1-130-471-00	MYLAR	0.001MF	5%	50V
C759	1-124-477-11	ELECT	47MF	20%	16V (LDP-3600D)	C930	1-124-477-11	ELECT	47MF	20%	16V
C760	1-102-961-00	CERAMIC	27PF	5%	50V (LDP-3600D)	C940	1-162-217-31	CERAMIC	56PF	5%	50V
C761	1-162-215-31	CERAMIC	47PF	5%	50V (LDP-3600D)	C941	1-102-129-00	CERAMIC	0.01MF	10%	50V
C762	1-102-973-00	CERAMIC	100PF	5%	50V (LDP-3600D)		<u>FILTER</u>				
C763	1-162-211-31	CERAMIC	33PF	5%	50V (LDP-3600D)	CF101	1-567-657-11	FILTER, CERAMIC (SFS-MC TYPE) (3.75MHz)			
C764	1-102-119-00	CERAMIC	0.0015MF	10%	50V (LDP-3600D)	CF102	1-527-604-00	FILTER, CERAMIC (3.58MHz) (LDP-3600D)			
C765	1-102-978-00	CERAMIC	220PF	5%	50V (LDP-3600D)		<u>CONNECTOR</u>				
C768	1-101-006-00	CERAMIC	0.047MF	50V (LDP-3600D)	CN001	1-506-476-11	PIN, CONNECTOR 11P				
C769	1-101-006-00	CERAMIC	0.047MF	50V (LDP-3600D)	CN003	1-506-467-11	PIN, CONNECTOR 2P				
C770	1-124-477-11	ELECT	47MF	20%	16V (LDP-3600D)	CN004	1-506-467-11	PIN, CONNECTOR 2P			
C771	1-102-973-00	CERAMIC	100PF	5%	50V (LDP-3600D)	CN005	1-506-471-11	PIN, CONNECTOR 6P			
C772	1-102-961-00	CERAMIC	27PF	5%	50V (LDP-3600D)	CN006	1-506-467-11	PIN, CONNECTOR 2P			
C773	1-102-129-00	CERAMIC	0.01MF	10%	50V (LDP-3600D)	CN007	*1-560-896-00	PIN, CONNECTOR 8P			
C774	1-102-820-00	CERAMIC	330PF	5%	50V (LDP-3600D)	CN010	1-506-470-11	PIN, CONNECTOR 5P			
C775	1-123-875-11	ELECT	10MF	20%	50V (LDP-3600D)	CN201	1-506-467-11	PIN, CONNECTOR 2P			
C776	1-124-477-11	ELECT	47MF	20%	16V (LDP-3600D)	CN202	1-506-469-11	PIN, CONNECTOR 4P			
C779	1-124-477-11	ELECT	47MF	20%	16V (LDP-3600D)	CN203	1-506-470-11	PIN, CONNECTOR 5P			
C780	1-162-215-31	CERAMIC	47PF	5%	50V (LDP-3600D)	CN204	1-506-468-11	PIN, CONNECTOR 3P			
C783	1-124-791-11	ELECT	1MF	20%	50V (LDP-3600D)	CN206	1-506-473-11	PIN, CONNECTOR 8P (LDP-3600D)			
C784	1-102-973-00	CERAMIC	100PF	5%	50V (LDP-3600D)		<u>TRIMMER</u>				
C799	1-124-768-11	ELECT	4.7MF	20%	50V	CT901	1-141-304-21	TRIMMER, CERAMIC			
C801	1-124-477-11	ELECT	47MF	20%	16V	CT902	1-141-227-00	CAP, CERAMIC TRIMMER			
C802	1-101-006-00	CERAMIC	0.047MF		50V		<u>DIODE</u>				
C803	1-162-211-31	CERAMIC	33PF	5%	50V	D101	8-719-911-19	DIODE 1SS119			
C804	1-101-006-00	CERAMIC	0.047MF		50V	D201	8-719-911-19	DIODE 1SS119			
C805	1-101-006-00	CERAMIC	0.047MF		50V	D202	8-719-911-19	DIODE 1SS119			
C806	1-123-875-11	ELECT	10MF	20%	50V	D203	8-719-911-19	DIODE 1SS119			
C809	1-124-119-00	ELECT	330MF	20%	16V	D204	8-719-911-19	DIODE 1SS119			
C810	1-126-157-11	ELECT	10MF	20%	16V						
C814	1-131-367-00	TANTALUM	22MF	10%	16V						
C901	1-109-542-00	MICA	220PF	5%	50V						
C902	1-102-951-00	CERAMIC	15PF	5%	50V						
C903	1-124-477-11	ELECT	47MF	20%	16V						
C904	1-130-475-00	MYLAR	0.0022MF	5%	50V	D601	8-719-911-19	DIODE 1SS119			
C905	1-109-542-00	MICA	220PF	5%	50V	D602	8-719-911-19	DIODE 1SS119			

When indicating parts by reference number, please include the board name.

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
D751	8-719-907-19	DIODE FC52M-5 (LDP-3600D)		L107	1-410-521-11	INDUCTOR	100UH
D752	8-719-911-19	DIODE ISS119 (LDP-3600D)		L108	1-410-521-11	INDUCTOR	100UH
D753	8-719-911-19	DIODE ISS119 (LDP-3600D)		L109	1-410-521-11	INDUCTOR	100UH
D801	8-719-911-19	DIODE ISS119		L110	1-410-521-11	INDUCTOR	100UH
D901	8-719-911-19	DIODE ISS119		L111	1-410-521-11	INDUCTOR	100UH
D902	8-719-911-19	DIODE ISS119		L112	1-410-521-11	INDUCTOR	100UH
D904	8-719-911-19	DIODE ISS119		L113	1-410-521-11	INDUCTOR	100UH
D906	8-719-907-19	DIODE FC52M-5		L114	1-410-515-11	INDUCTOR	33UH
D907	8-719-911-19	DIODE ISS119		L201	1-408-420-00	INDUCTOR	82UH
D908	8-719-911-19	DIODE ISS119		L202	1-408-420-00	INDUCTOR	82UH
<u>FILTER</u>							
FL101	1-236-263-11	FILTER, LOW PASS		L205	1-410-677-31	INDUCTOR	180UH
FL801	1-409-431-11	COIL, TRAP (3.58MHz) (LDP-3600D)		L206	1-407-500-00	INDUCTOR	4.7MMH
FL802	1-409-447-11	COIL, TRAP (4.43MHz)		L207	1-407-503-00	INDUCTOR	8.2MMH
<u>IC</u>							
IC101	8-752-320-31	IC CXL1004P		L208	1-408-425-00	INDUCTOR	220UH
IC102	8-759-950-07	IC SN75107BN		L209	1-407-500-00	INDUCTOR	4.7MMH
IC103	8-752-030-44	IC CXA1018S		L210	1-407-503-00	INDUCTOR	8.2MMH
IC104	8-759-202-11	IC TC74HC00P		L301	1-408-425-00	INDUCTOR	220UH (LDP-3600D)
IC105	8-759-902-21	IC SN74LS221N		L302	1-408-417-00	INDUCTOR	47UH (LDP-3600D)
IC201	8-752-006-12	IC CX20061 (LDP-3600D)		L311	1-408-417-00	INDUCTOR	47UH (LDP-3600D)
IC202	8-759-303-75	IC HA12083NT		L312	1-408-421-00	INDUCTOR	100UH (LDP-3600D)
IC203	8-759-240-53	IC TC4053BP (LDP-3600D)		L601	1-410-521-11	INDUCTOR	100UH
IC204	8-759-302-81	IC HA12043		L602	1-410-514-11	INDUCTOR	27UH
IC205	8-759-240-71	IC TC4071BP (LDP-3600D)		L702	1-410-519-11	INDUCTOR	68UH
IC601	8-759-943-90	IC MB89010A-109		L703	1-410-511-11	INDUCTOR	15UH
IC602	8-759-902-21	IC SN74LS221N		L704	1-410-517-11	INDUCTOR	47UH
IC603	8-759-202-11	IC TC74HC00P		L705	1-410-515-11	INDUCTOR	33UH
IC604	8-759-927-56	IC BA7021		L706	1-410-520-11	INDUCTOR	82UH
IC605	8-759-202-11	IC TC74HC00P		L709	1-410-517-11	INDUCTOR	47UH
IC701	8-752-006-12	IC CX20061		L710	1-410-517-11	INDUCTOR	47UH
IC702	8-752-321-89	IC CXL5003P		L711	1-410-521-11	INDUCTOR	100UH
IC703	8-752-006-12	IC CX20061		L712	1-408-421-00	INDUCTOR	100UH
IC704	8-752-006-12	IC CX20061 (LDP-3600D)		L713	1-410-521-11	INDUCTOR	100UH
IC751	8-759-202-24	IC TC74HC86P (LDP-3600D)		L714	1-408-421-00	INDUCTOR	100UH
IC752	8-759-902-21	IC SN74LS221N (LDP-3600D)		L715	1-410-521-11	INDUCTOR	100UH
IC753	8-759-945-58	IC RC4558P (LDP-3600D)		L716	1-410-521-11	INDUCTOR	100UH
IC801	8-759-927-56	IC BA7021		L717	1-410-521-11	INDUCTOR	100UH
IC901	8-759-207-28	IC TC9015P		L718	1-410-512-11	INDUCTOR	18UH
IC902	8-759-938-56	IC MB88201H-523M		L751	1-410-515-11	INDUCTOR	33UH (LDP-3600D)
IC903	8-759-240-53	IC TC4053BP		L752	1-410-513-11	INDUCTOR	22UH (LDP-3600D)
IC904	8-759-202-74	IC TC74HC04N		L753	1-410-519-11	INDUCTOR	68UH (LDP-3600D)
IC906	8-759-245-55	IC TC4555BP		L754	1-410-521-11	INDUCTOR	100UH (LDP-3600D)
<u>COIL</u>							
L101	1-410-515-11	INDUCTOR	33UH	L755	1-408-421-00	INDUCTOR	100UH (LDP-3600D)
L102	1-410-522-11	INDUCTOR	120UH	L757	1-410-521-11	INDUCTOR	100UH (LDP-3600D)
L103	1-410-521-11	INDUCTOR	100UH	L759	1-410-512-11	INDUCTOR	18UH (LDP-3600D)
L104	1-410-521-11	INDUCTOR	100UH	L801	1-408-421-00	INDUCTOR	100UH
L105	1-410-521-11	INDUCTOR	100UH	L901	1-410-520-11	INDUCTOR	82UH
L106	1-410-521-11	INDUCTOR	100UH	L902	1-410-520-11	INDUCTOR	82UH
L903							
L904							
L905							
L906							
L910							

When indicating parts by reference number, please include the board name.

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark				
<u>TRANSISTOR</u>											
Q101	8-729-139-96	TRANSISTOR 2SC2785-HFE		Q752	8-729-119-76	TRANSISTOR 2SA1175-HFE (LDP-3600D)					
Q102	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q753	8-729-119-78	TRANSISTOR 2SC2785-HFE (LDP-3600D)					
Q103	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q754	8-729-119-76	TRANSISTOR 2SA1175-HFE (LDP-3600D)					
Q104	8-729-119-78	TRANSISTOR 2SA1175-HFE		Q755	8-729-218-43	TRANSISTOR 2SK184-GR (LDP-3600D)					
Q105	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q756	8-729-119-78	TRANSISTOR 2SC2785-HFE (LDP-3600D)					
Q106	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q757	8-729-119-76	TRANSISTOR 2SA1175-HFE (LDP-3600D)					
Q107	8-729-119-78	TRANSISTOR 2SA1175-HFE		Q758	8-729-119-78	TRANSISTOR 2SC2785-HFE (LDP-3600D)					
Q108	8-729-103-19	TRANSISTOR 2SA1206-K1		Q759	8-729-119-76	TRANSISTOR 2SA1175-HFE (LDP-3600D)					
Q109	8-729-190-12	TRANSISTOR 2SC2901-K		Q760	8-729-119-78	TRANSISTOR 2SC2785-HFE (LDP-3600D)					
Q110	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q801	8-729-119-78	TRANSISTOR 2SC2785-HFE					
Q111	8-729-119-76	TRANSISTOR 2SA1175-HFE		Q802	8-729-900-36	TRANSISTOR DTC124ES (LDP-3600D)					
Q112	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q803	8-729-119-78	TRANSISTOR 2SC2785-HFE (LDP-3600D)					
Q113	8-729-900-36	TRANSISTOR DTC124ES		Q804	8-729-119-78	TRANSISTOR 2SC2785-HFE					
Q114	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q805	8-729-119-78	TRANSISTOR 2SC2785-HFE					
Q115	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q806	8-729-658-32	TRANSISTOR 2SC1583-G					
Q116	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q807	8-729-658-32	TRANSISTOR 2SC1583-G					
Q117	8-729-900-63	TRANSISTOR DTA124ES		Q808	8-729-119-78	TRANSISTOR 2SC2785-HFE					
Q118	8-729-900-63	TRANSISTOR DTA124ES		Q809	8-729-119-78	TRANSISTOR 2SC2785-HFE					
Q119	8-729-900-80	TRANSISTOR DTC114ES		Q810	8-729-119-78	TRANSISTOR 2SC2785-HFE					
Q201	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q815	8-729-900-36	TRANSISTOR DTC124ES					
Q202	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q901	8-729-119-78	TRANSISTOR 2SC2785-HFE					
Q203	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q902	8-729-900-36	TRANSISTOR DTC124ES					
Q204	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q903	8-729-119-78	TRANSISTOR 2SC2785-HFE					
Q205	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q904	8-729-119-78	TRANSISTOR 2SC2785-HFE					
Q206	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q905	8-729-119-78	TRANSISTOR 2SC2785-HFE					
Q207	8-729-218-43	TRANSISTOR 2SK184-GR		Q906	8-729-900-36	TRANSISTOR DTC124ES					
Q208	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q907	8-729-119-78	TRANSISTOR 2SC2785-HFE					
Q209	8-729-218-43	TRANSISTOR 2SK184-GR		Q908	8-729-119-78	TRANSISTOR 2SC2785-HFE					
Q210	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q910	8-729-119-76	TRANSISTOR 2SA1175-HFE					
Q211	8-729-900-63	TRANSISTOR DTA124ES		Q913	8-729-119-78	TRANSISTOR 2SC2785-HFE					
Q301	8-729-119-78	TRANSISTOR 2SC2785-HFE (LDP-3600D)		Q914	8-729-119-76	TRANSISTOR 2SA1175-HFE					
Q601	8-729-119-78	TRANSISTOR 2SC2785-HFE		Q915	8-729-119-78	TRANSISTOR 2SC2785-HFE					
Q701	8-729-119-78	TRANSISTOR 2SC2785-HFE		<u>RESISTOR</u>							
Q702	8-729-119-76	TRANSISTOR 2SA1175-HFE		R101	1-249-417-11	CARBON	1K	5%	1/4W		
Q703	8-729-119-78	TRANSISTOR 2SC2785-HFE		R102	1-249-417-11	CARBON	1K	5%	1/4W		
Q704	8-729-218-43	TRANSISTOR 2SK184-GR		R103	1-247-903-00	CARBON	1M	5%	1/4W		
Q705	8-729-119-78	TRANSISTOR 2SC2785-HFE		R104	1-249-417-11	CARBON	1K	5%	1/4W		
Q706	8-729-119-78	TRANSISTOR 2SC2785-HFE		R105	1-249-413-11	CARBON	470	5%	1/4W		
Q707	8-729-119-78	TRANSISTOR 2SC2785-HFE		R106	1-249-413-11	CARBON	470	5%	1/4W		
Q708	8-729-119-78	TRANSISTOR 2SC2785-HFE		R107	1-249-421-11	CARBON	2.2K	5%	1/4W		
Q709	8-729-119-78	TRANSISTOR 2SC2785-HFE		R108	1-249-417-11	CARBON	1K	5%	1/4W		
Q710	8-729-119-78	TRANSISTOR 2SC2785-HFE		R109	1-249-417-11	CARBON	1K	5%	1/4W		
Q711	8-729-119-76	TRANSISTOR 2SA1175-HFE		R110	1-249-417-11	CARBON	1K	5%	1/4W		
Q712	8-729-119-78	TRANSISTOR 2SC2785-HFE		R111	1-249-417-11	CARBON	1K	5%	1/4W		
Q713	8-729-119-78	TRANSISTOR 2SC2785-HFE		R112	1-249-420-11	CARBON	1.8K	5%	1/4W		
Q714	8-729-119-78	TRANSISTOR 2SC2785-HFE		R113	1-249-420-11	CARBON	1.8K	5%	1/4W		
Q715	8-729-119-78	TRANSISTOR 2SC2785-HFE		R114	1-249-417-11	CARBON	1K	5%	1/4W		
Q716	8-729-119-78	TRANSISTOR 2SC2785-HFE		R115	1-249-419-11	CARBON	1.5K	5%	1/4W		
Q717	8-729-119-78	TRANSISTOR 2SC2785-HFE		R116	1-249-417-11	CARBON	1K	5%	1/4W		
Q718	8-729-119-76	TRANSISTOR 2SA1175-HFE		R117	1-249-421-11	CARBON	2.2K	5%	1/4W		
Q751	8-729-119-78	TRANSISTOR 2SC2785-HFE (LDP-3600D)		R118	1-249-413-11	CARBON	470	5%	1/4W		
				R119	1-249-415-11	CARBON	680	5%	1/4W		

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Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
R120	1-249-423-11	CARBON	3.3K 5% 1/4W	R208	1-249-421-11	CARBON	2.2K 5% 1/4W
R121	1-249-417-11	CARBON	1K 5% 1/4W	R209	1-249-405-11	CARBON	100 5% 1/4W
R122	1-249-405-11	CARBON	100 5% 1/4W	R210	1-249-416-11	CARBON	820 5% 1/4W
R123	1-249-421-11	CARBON	2.2K 5% 1/4W	R211	1-249-416-11	CARBON	820 5% 1/4W
R126	1-249-441-11	CARBON	100K 5% 1/4W	R212	1-249-417-11	CARBON	1K 5% 1/4W
R127	1-249-437-11	CARBON	47K 5% 1/4W	R213	1-249-417-11	CARBON	1K 5% 1/4W
R128	1-249-436-11	CARBON	39K 5% 1/4W	R214	1-249-416-11	CARBON	820 5% 1/4W
R129	1-249-441-11	CARBON	100K 5% 1/4W	R215	1-249-421-11	CARBON	2.2K 5% 1/4W
R130	1-249-440-11	CARBON	82K 5% 1/4W	R216	1-249-419-11	CARBON	1.5K 5% 1/4W
R131	1-247-895-00	CARBON	470K 5% 1/4W	R217	1-249-417-11	CARBON	1K 5% 1/4W
R132	1-249-421-11	CARBON	2.2K 5% 1/4W	R218	1-210-821-00	CARBON	2.2M 5% 1/4W
R133	1-249-441-11	CARBON	100K 5% 1/4W	R219	1-249-413-11	CARBON	470 5% 1/4W
R134	1-247-895-00	CARBON	470K 5% 1/4W	R220	1-249-441-11	CARBON	100K 5% 1/4W
R135	1-249-434-11	CARBON	27K 5% 1/4W	R221	1-249-421-11	CARBON	2.2K 5% 1/4W
R136	1-249-434-11	CARBON	27K 5% 1/4W	R223	1-215-437-00	METAL	4.7K 1% 1/6W
R137	1-249-441-11	CARBON	100K 5% 1/4W	R224	1-249-425-11	CARBON	4.7K 5% 1/4W
R138	1-249-437-11	CARBON	47K 5% 1/4W	R225	1-249-417-11	CARBON	1K 5% 1/4W
R139	1-247-887-00	CARBON	220K 5% 1/4W	R226	1-249-417-11	CARBON	1K 5% 1/4W
R140	1-249-417-11	CARBON	1K 5% 1/4W	R227	1-249-425-11	CARBON	4.7K 5% 1/4W
R141	1-247-891-00	CARBON	330K 5% 1/4W	R228	1-249-422-11	CARBON	2.7K 5% 1/4W
R142	1-249-436-11	CARBON	39K 5% 1/4W	R229	1-249-425-11	CARBON	4.7K 5% 1/4W
R143	1-249-430-11	CARBON	12K 5% 1/4W	R230	1-249-419-11	CARBON	1.5K 5% 1/4W
R144	1-249-423-11	CARBON	3.3K 5% 1/4W	R231	1-249-417-11	CARBON	1K 5% 1/4W
R145	1-249-437-11	CARBON	47K 5% 1/4W	R232	1-249-413-11	CARBON	470 5% 1/4W
R146	1-249-438-11	CARBON	56K 5% 1/4W	R233	1-210-821-00	CARBON	2.2M 5% 1/4W
R147	1-249-417-11	CARBON	1K 5% 1/4W	R234	1-249-441-11	CARBON	100K 5% 1/4W
R148	1-249-441-11	CARBON	100K 5% 1/4W	R235	1-249-421-11	CARBON	2.2K 5% 1/4W
R149	1-249-441-11	CARBON	100K 5% 1/4W	R236	1-249-425-11	CARBON	4.7K 5% 1/4W
R150	1-249-430-11	CARBON	12K 5% 1/4W	R237	1-249-424-11	CARBON	3.9K 5% 1/4W
R151	1-247-891-00	CARBON	330K 5% 1/4W	R238	1-249-424-11	CARBON	3.9K 5% 1/4W
R152	1-247-881-00	CARBON	120K 5% 1/4W	R239	1-249-425-11	CARBON	4.7K 5% 1/4W
R153	1-249-404-00	CARBON	82 5% 1/4W	R240	1-249-441-11	CARBON	100K 5% 1/4W
R154	1-247-891-00	CARBON	330K 5% 1/4W	R241	1-249-429-11	CARBON	10K 5% 1/4W
R155	1-215-432-00	METAL	3K 1% 1/6W	R242	1-249-425-11	CARBON	4.7K 5% 1/4W
R156	1-215-458-00	METAL	36K 1% 1/6W	R243	1-249-441-11	CARBON	100K 5% 1/4W
R157	1-215-479-00	METAL	270K 1% 1/6W	R244	1-247-883-00	CARBON	150K 5% 1/4W
R158	1-215-473-00	METAL	150K 1% 1/6W	R245	1-247-883-00	CARBON	150K 5% 1/4W
R159	1-249-431-11	CARBON	15K 5% 1/4W	R246	1-249-417-11	CARBON	1K 5% 1/4W
R160	1-215-459-00	METAL	39K 1% 1/6W	R247	1-215-395-00	METAL	82 1% 1/6W
R161	1-215-455-00	METAL	27K 1% 1/6W	R248	1-249-405-11	CARBON	100 5% 1/4W
R165	1-247-887-00	CARBON	220K 5% 1/4W	R251	1-249-435-11	CARBON	33K 5% 1/4W
R166	1-249-441-11	CARBON	100K 5% 1/4W	R252	1-249-429-11	CARBON	10K 5% 1/4W
R167	1-249-423-11	CARBON	3.3K 5% 1/4W	R253	1-249-437-11	CARBON	47K 5% 1/4W
R168	1-247-887-00	CARBON	220K 5% 1/4W	R254	1-249-429-11	CARBON	10K 5% 1/4W
R169	1-249-441-11	CARBON	100K 5% 1/4W	R255	1-249-417-11	CARBON	1K 5% 1/4W
R170	1-249-423-11	CARBON	3.3K 5% 1/4W	R256	1-249-441-11	CARBON	100K 5% 1/4W
R201	1-249-415-11	CARBON	680 5% 1/4W	R257	1-249-413-11	CARBON	470 5% 1/4W
R202	1-249-423-11	CARBON	3.3K 5% 1/4W	R258	1-249-435-11	CARBON	33K 5% 1/4W
R203	1-249-417-11	CARBON	1K 5% 1/4W	R259	1-249-437-11	CARBON	47K 5% 1/4W
R204	1-249-401-11	CARBON	47 5% 1/4W	R260	1-249-429-11	CARBON	10K 5% 1/4W
R205	1-249-418-11	CARBON	1.2K 5% 1/4W	R261	1-249-429-11	CARBON	10K 5% 1/4W
R206	1-249-414-11	CARBON	560 5% 1/4W	R262	1-249-417-11	CARBON	1K 5% 1/4W
R207	1-249-399-11	CARBON	33 5% 1/4W	R263	1-249-441-11	CARBON	100K 5% 1/4W

When indicating parts by reference number, please include the board name.

Ref.No	Part No.	Description	Remark	Ref.No	Part No.	Description	Remark
R264	1-249-422-11	CARBON	2.7K 5% 1/4W	R725	1-249-427-11	CARBON	6.8K 5% 1/4W
R265	1-249-411-11	CARBON	330 5% 1/4W	R726	1-249-419-11	CARBON	1.5K 5% 1/4W
R266	1-247-891-00	CARBON	330K 5% 1/4W	R727	1-249-413-11	CARBON	470 5% 1/4W
R267	1-249-419-11	CARBON	1.5K 5% 1/4W	R728	1-249-399-11	CARBON	33 5% 1/4W
R268	1-249-412-11	CARBON	390 5% 1/4W	R729	1-249-415-11	CARBON	680 5% 1/4W
R269	1-247-899-11	CARBON	680K 5% 1/4W	R730	1-249-419-11	CARBON	1.5K 5% 1/4W
R270	1-249-433-11	CARBON	22K 5% 1/4W	R731	1-249-429-11	CARBON	10K 5% 1/4W
R271	1-249-431-11	CARBON	15K 5% 1/4W	R732	1-249-417-11	CARBON	1K 5% 1/4W
R272	1-249-435-11	CARBON	33K 5% 1/4W	R733	1-249-417-11	CARBON	1K 5% 1/4W
R273	1-249-431-11	CARBON	15K 5% 1/4W	R734	1-249-415-11	CARBON	680 5% 1/4W
R274	1-249-413-11	CARBON	470 5% 1/4W	R735	1-249-417-11	CARBON	1K 5% 1/4W
R275	1-249-417-11	CARBON	1K 5% 1/4W	R736	1-249-417-11	CARBON	1K 5% 1/4W
R276	1-249-425-11	CARBON	4.7K 5% 1/4W	R737	1-249-418-11	CARBON	1.2K 5% 1/4W
R301	1-247-830-11	CARBON	910 5% 1/4W (LDP-3600D)	R738	1-249-419-11	CARBON	1.5K 5% 1/4W
R310	1-249-421-11	CARBON	2.2K 5% 1/4W (LDP-3600D)	R739	1-249-416-11	CARBON	820 5% 1/4W
R311	1-249-417-11	CARBON	1K 5% 1/4W (LDP-3600D)	R740	1-249-429-11	CARBON	10K 5% 1/4W
R312	1-249-417-11	CARBON	1K 5% 1/4W (LDP-3600D)	R741	1-249-421-11	CARBON	2.2K 5% 1/4W
R603	1-249-421-11	CARBON	2.2K 5% 1/4W	R742	1-249-440-11	CARBON	82K 5% 1/4W
R604	1-249-421-11	CARBON	2.2K 5% 1/4W	R743	1-249-433-11	CARBON	22K 5% 1/4W
R605	1-215-426-00	METAL	1.6K 1% 1/6W	R745	1-249-426-11	CARBON	5.6K 5% 1/4W
R606	1-249-422-11	CARBON	2.7K 5% 1/4W	R746	1-249-421-11	CARBON	2.2K 5% 1/4W
R607	1-249-425-11	CARBON	4.7K 5% 1/4W	R747	1-249-419-11	CARBON	1.5K 5% 1/4W
R608	1-249-429-11	CARBON	10K 5% 1/4W	R748	1-249-417-11	CARBON	1K 5% 1/4W
R610	1-247-881-00	CARBON	120K 5% 1/4W	R749	1-249-407-11	CARBON	150 5% 1/4W
R611	1-249-428-11	CARBON	8.2K 5% 1/4W	R751	1-249-410-11	CARBON	270 5% 1/4W (LDP-3600D)
R612	1-249-429-11	CARBON	10K 5% 1/4W	R752	1-249-440-11	CARBON	82K 5% 1/4W (LDP-3600D)
R614	1-247-897-11	CARBON	560K 5% 1/4W	R753	1-249-433-11	CARBON	22K 5% 1/4W (LDP-3600D)
R615	1-247-897-11	CARBON	550K 5% 1/4W	R754	1-249-415-11	CARBON	680 5% 1/4W (LDP-3600D)
R616	1-247-897-11	CARBON	560K 5% 1/4W	R755	1-249-415-11	CARBON	680 5% 1/4W (LDP-3600D)
R617	1-247-897-11	CARBON	560K 5% 1/4W	R756	1-249-421-11	CARBON	2.2K 5% 1/4W (LDP-3600D)
R701	1-249-413-11	CARBON	470 5% 1/4W	R757	1-249-407-11	CARBON	150 5% 1/4W (LDP-3600D)
R702	1-249-413-11	CARBON	470 5% 1/4W	R758	1-249-429-11	CARBON	10K 5% 1/4W (LDP-3600D)
R703	1-249-421-11	CARBON	2.2K 5% 1/4W	R759	1-249-429-11	CARBON	10K 5% 1/4W (LDP-3600D)
R704	1-249-421-11	CARBON	2.2K 5% 1/4W	R760	1-249-429-11	CARBON	10K 5% 1/4W (LDP-3600D)
R705	1-249-414-11	CARBON	560 5% 1/4W	R761	1-249-429-11	CARBON	10K 5% 1/4W (LDP-3600D)
R706	1-249-418-11	CARBON	1.2K 5% 1/4W	R762	1-249-425-11	CARBON	4.7K 5% 1/4W (LDP-3600D)
R707	1-249-437-11	CARBON	47K 5% 1/4W	R763	1-249-429-11	CARBON	10K 5% 1/4W (LDP-3600D)
R708	1-249-431-11	CARBON	15K 5% 1/4W	R764	1-249-417-11	CARBON	1K 5% 1/4W (LDP-3600D)
R709	1-249-417-11	CARBON	1K 5% 1/4W	R765	1-247-903-00	CARBON	1M 5% 1/4W (LDP-3600D)
R710	1-249-417-11	CARBON	1K 5% 1/4W	R766	1-249-411-11	CARBON	330 5% 1/4W (LDP-3600D)
R711	1-249-425-11	CARBON	4.7K 5% 1/4W	R767	1-247-895-00	CARBON	470K 5% 1/4W (LDP-3600D)
R712	1-249-417-11	CARBON	1K 5% 1/4W	R768	1-249-435-11	CARBON	33K 5% 1/4W (LDP-3600D)
R713	1-249-421-11	CARBON	2.2K 5% 1/4W	R769	1-249-435-11	CARBON	33K 5% 1/4W (LDP-3600D)
R714	1-247-903-00	CARBON	1M 5% 1/4W	R770	1-249-433-11	CARBON	22K 5% 1/4W (LDP-3600D)
R716	1-249-417-11	CARBON	1K 5% 1/4W	R771	1-249-433-11	CARBON	22K 5% 1/4W (LDP-3600D)
R717	1-249-417-11	CARBON	1K 5% 1/4W	R772	1-249-418-11	CARBON	1.2K 5% 1/4W (LDP-3600D)
R718	1-249-414-11	CARBON	560 5% 1/4W	R773	1-249-421-11	CARBON	2.2K 5% 1/4W (LDP-3600D)
R719	1-249-417-11	CARBON	1K 5% 1/4W	R774	1-247-891-00	CARBON	330K 5% 1/4W (LDP-3600D)
R720	1-249-417-11	CARBON	1K 5% 1/4W	R775	1-249-429-11	CARBON	10K 5% 1/4W (LDP-3600D)
R721	1-249-418-11	CARBON	1.2K 5% 1/4W	R776	1-249-433-11	CARBON	22K 5% 1/4W (LDP-3600D)
R722	1-249-429-11	CARBON	10K 5% 1/4W	R777	1-249-435-11	CARBON	33K 5% 1/4W (LDP-3600D)
R723	1-249-417-11	CARBON	1K 5% 1/4W	R778	1-249-428-11	CARBON	8.2K 5% 1/4W (LDP-3600D)
R724	1-249-418-11	CARBON	1.2K 5% 1/4W	R779	1-249-413-11	CARBON	470 5% 1/4W (LDP-3600D)

When indicating parts by reference number, please include the board name.

<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	
R780	1-249-417-11	CARBON	1K 5% 1/4W (LDP-3600D)	R908	1-249-418-11	CARBON	1.2K 5% 1/4W	
R781	1-249-413-11	CARBON	470 5% 1/4W (LDP-3600D)	R909	1-249-422-11	CARBON	2.7K 5% 1/4W	
R782	1-249-417-11	CARBON	1K 5% 1/4W (LDP-3600D)	R910	1-249-422-11	CARBON	2.7K 5% 1/4W	
R783	1-247-881-00	CARBON	120K 5% 1/4W (LDP-3600D)	R911	1-249-418-11	CARBON	1.2K 5% 1/4W	
R784	1-249-437-11	CARBON	47K 5% 1/4W (LDP-3600D)	R912	1-249-441-11	CARBON	100K 5% 1/4W	
R785	1-249-431-11	CARBON	15K 5% 1/4W (LDP-3600D)	R913	1-247-903-00	CARBON	1M 5% 1/4W	
R786	1-249-415-11	CARBON	680 5% 1/4W (LDP-3600D)	R914	1-249-438-11	CARBON	56K 5% 1/4W	
R787	1-249-413-11	CARBON	470 5% 1/4W (LDP-3600D)	R915	1-249-419-11	CARBON	1.5K 5% 1/4W	
R788	1-249-423-11	CARBON	3.3K 5% 1/4W (LDP-3600D)	R916	1-249-419-11	CARBON	1.5K 5% 1/4W	
R789	1-249-441-11	CARBON	100K 5% 1/4W (LDP-3600D)	R917	1-249-419-11	CARBON	1.5K 5% 1/4W	
R790	1-249-441-11	CARBON	100K 5% 1/4W (LDP-3600D)	R918	1-249-438-11	CARBON	56K 5% 1/4W	
R794	1-249-422-11	CARBON	2.7K 5% 1/4W (LDP-3600D)	R919	1-247-887-00	CARBON	220K 5% 1/4W	
R796	1-249-434-11	CARBON	27K 5% 1/4W (LDP-3600D)	R920	1-249-418-11	CARBON	1.2K 5% 1/4W	
R797	1-249-414-11	CARBON	560 5% 1/4W (LDP-3600D)	R921	1-249-413-11	CARBON	470 5% 1/4W	
R801	1-249-438-11	CARBON	56K 5% 1/4W	R924	1-249-408-11	CARBON	180 5% 1/4W	
R802	1-249-424-11	CARBON	3.9K 5% 1/4W	R925	1-249-413-11	CARBON	470 5% 1/4W	
R803	1-249-417-11	CARBON	1K 5% 1/4W (LDP-3600D)	R927	1-249-408-11	CARBON	180 5% 1/4W	
R804	1-249-410-11	CARBON	270 5% 1/4W (LDP-3600D)	R929	1-247-903-00	CARBON	1M 5% 1/4W	
R805	1-249-417-11	CARBON	1K 5% 1/4W (LDP-3600D)	R930	1-249-413-11	CARBON	470 5% 1/4W	
R806	1-249-415-11	CARBON	680 5% 1/4W	R932	1-249-437-11	CARBON	47K 5% 1/4W	
R807	1-249-411-11	CARBON	330 5% 1/4W	R933	1-249-418-11	CARBON	1.2K 5% 1/4W	
R808	1-249-417-11	CARBON	1K 5% 1/4W	R934	1-249-429-11	CARBON	10K 5% 1/4W	
R809	1-249-414-11	CARBON	560 5% 1/4W	R937	1-249-405-11	CARBON	100 5% 1/4W	
R810	1-249-408-11	CARBON	180 5% 1/4W	R938	1-249-411-11	CARBON	330 5% 1/4W	
R811	1-249-425-11	CARBON	4.7K 5% 1/4W	R940	1-249-433-11	CARBON	22K 5% 1/4W	
R812	1-249-409-11	CARBON	220 5% 1/4W	R941	1-249-433-11	CARBON	22K 5% 1/4W	
R813	1-249-409-11	CARBON	220 5% 1/4W	R942	1-249-409-11	CARBON	220 5% 1/4W	
<u>VARIABLE RESISTOR</u>								
R817	1-249-433-11	CARBON	22K 5% 1/4W	RV101	1-228-994-00	RES, ADJ, CARBON	10K	
R818	1-249-435-11	CARBON	33K 5% 1/4W	RV102	1-228-991-00	RES, ADJ, CARBON	2.2K	
R819	1-249-409-11	CARBON	220 5% 1/4W	RV103	1-228-995-00	RES, ADJ, CARBON	22K	
R820	1-249-424-11	CARBON	3.9K 5% 1/4W	RV201	1-228-995-00	RES, ADJ, CARBON	22K	
R821	1-249-413-11	CARBON	470 5% 1/4W	RV202	1-228-995-00	RES, ADJ, CARBON	22K	
R822	1-249-413-11	CARBON	470 5% 1/4W	RV701	1-228-990-00	RES, ADJ, CARBON	1K	
R823	1-249-412-11	CARBON	390 5% 1/4W	RV703	1-228-989-00	RES, ADJ, CARBON	470	
R824	1-249-429-11	CARBON	10K 5% 1/4W	RV704	1-228-989-00	RES, ADJ, CARBON	470	
R825	1-249-417-11	CARBON	1K 5% 1/4W	RV705	1-228-990-00	RES, ADJ, CARBON	1K	
R826	1-249-430-11	CARBON	12K 5% 1/4W	RV706	1-228-990-00	RES, ADJ, CARBON	1K (LDP-3600D)	
<u>CRYSTAL</u>								
R828	1-249-426-11	CARBON	5.6K 5% 1/4W	X701	1-567-652-11	VIBRATOR, CRYSTAL (13.3MHz)		
R829	1-249-418-11	CARBON	1.2K 5% 1/4W	X901	1-527-722-00	OSCILLATOR, CRYSTAL (14.3MHz)		
R835	1-249-433-11	CARBON	22K 5% 1/4W	X902	1-567-344-21	VIBRATOR, CRYSTAL (VCO) (17.7MHz)		
R836	1-249-434-11	CARBON	27K 5% 1/4W	*****				
R837	1-249-434-11	CARBON	27K 5% 1/4W	*****				
R838	1-249-422-11	CARBON	2.7K 5% 1/4W					
R901	1-249-429-11	CARBON	10K 5% 1/4W					
R902	1-249-429-11	CARBON	10K 5% 1/4W					
R903	1-249-418-11	CARBON	1.2K 5% 1/4W					
R904	1-249-422-11	CARBON	2.7K 5% 1/4W					
R905	1-249-422-11	CARBON	2.7K 5% 1/4W					
R906	1-249-429-11	CARBON	10K 5% 1/4W					
R907	1-249-429-11	CARBON	10K 5% 1/4W					

When indicating parts by reference number, please include the board name.

**AC-46****MD-40****MD-41****MD-39****SW-103****SW-104****SW-105**

<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>	<u>Ref.No</u>	<u>Part No.</u>	<u>Description</u>			<u>Remark</u>
		*1-630-492-11 AC-46 BOARD (Ref.No 1,000 Series) *****						*1-620-235-11 MD-39 BOARD (Ref.No 1,000 Series) *****			
		△1-533-189-11	HOLDER, FUSE					<u>CAPACITOR</u>			
		*3-701-946-12	LABEL (1.6A250V), FUSE (US)					C801	1-161-494-00	CERAMIC	0.022MF 25V
								<u>CONNECTOR</u>			
		C021	△.1-136-212-12	FILM	0.1MF	20%	250V	CN801	*1-560-890-00	PIN, CONNECTOR 2P	
								<u>MOTOR</u>			
		F021	△ 1-532-259-11	FUSE, TIME-LAG T1.6A 250V (LDP-3300P/3600D: AEP/UK)				M904	1-541-505-11	MOTOR, DC (NBS2B01) (SLIDE)	
		F021	△.1-532-824-11	FUSE, GLASS TUBE (1.6A 250V) (LDP-3600D: US)							*****
								<u>CONNECTOR</u>			
		CN021	△1-564-419-11	HEADER, SPRING (POWER) 2P					*1-630-494-11 SW-103 BOARD (Ref.No 1,000 Series) *****		
		CN022	△1-506-371-00	PIN, CONNECTOR 2P					<u>DIODE</u>		
		CN023	△1-564-420-11	HEADER, SPRING (POWER) 3P				D201	8-719-939-05	GP1S54	
								<u>RESISTOR</u>			
		R021	△.1-202-663-31	SOLID	5.6M	10%	1/2W	R201	1-249-407-11	CARBON	150 5% 1/4W
											*****
								<u>FILTER</u>			
		T021	△.1-421-771-11	FILTER, LINE					*1-630-495-11 SW-104 BOARD (Ref.No 1,000 Series) *****		
								<u>DIODE</u>			
								D202	8-719-920-74	DIODE EE-SF5-B	
								D203	8-719-920-74	DIODE EE-SF5-B	
											*****
								<u>CONNECTOR</u>			
		C802	1-161-494-00	CERAMIC	0.022MF		25V		*1-630-496-11 SW-105 BOARD (Ref.No 1,000 Series) *****		
								<u>DIODE</u>			
								D204	8-719-950-63	DIODE GP1S17	
								D205	8-719-950-63	DIODE GP1S17	
								D206	8-719-950-63	DIODE GP1S17	
											*****
								<u>CAPACITOR</u>			
		C803	1-161-494-00	CERAMIC	0.022MF			R202	1-249-407-11	CARBON	150 5% 1/4W
		C804	1-126-233-11	ELECT	22MF	20%	25V	R203	1-249-434-11	CARBON	27K 5% 1/4W
								R204	1-249-407-11	CARBON	150 5% 1/4W
								R205	1-249-434-11	CARBON	27K 5% 1/4W
								R206	1-249-407-11	CARBON	150 5% 1/4W
								R207	1-249-434-11	CARBON	27K 5% 1/4W
											*****
								<u>CONNECTOR</u>			
								<u>IC</u>			
								CN803 *1-560-892-00 PIN, CONNECTOR 4P			
								IC801 8-759-962-08 IC BA6208			
								<u>RESISTOR</u>			
		R801	1-247-731-11	CARBON	22	5%	1/2W F				

When indicating parts by reference number, please include the board name.

**Note:** The components identified by mark or dotted line with mark are critical for safety. Replace only with part number specified.

DC-15

DC-19

DC-20

SW-112

PW-63

PW-64

PW-68

When indicating parts by reference number, please include the board name.

**Note:** The components identified by mark  or dotted line with mark  are critical for safety.  
Replace only with part number specified.



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**Sony Corporation**  
Home Video Group

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